

ARCHIVES DEPARTMENT
ECKERD COLLEGE
ST. PETERSBURG, FLA. 33733



1972 - 73

Eckerd College is an accredited, co-educational, liberal arts college founded in 1958 as Florida Presbyterian College by the Presbyterian Synods of Florida. Classes began in September, 1960. The college is accredited by the Southern Association of Colleges and Schools.

STUDENTS 1971-72

1100 full time students

41 states and 11 foreign countries represented in student body

55% of students receive financial aid

43% of 974 graduates have gone directly to graduate or professional schools

FACULTY 1971-72

73 full time professors

67% have earned doctorate

Average age 42

Faculty-student ratio: 1 to 15

CAMPUS

281 acre campus; land, buildings and equipment valued in excess of \$15,000,000.

63 air-conditioned buildings

Mile and a quarter waterfront

ECKERD COLLEGE

The unique mission of Eckerd College is to search vigorously for better ways to develop competent and concerned men and women. This is being accomplished within the context of an academic community seeking to be Christian in ways relevant to our times.

CONTENTS

| | |
|--------------------------------------|----|
| Educational Opportunities | 2 |
| Admissions | 6 |
| Costs | 8 |
| Financial Aid | 9 |
| Board of Trustees | 11 |
| Board of Visitors | 12 |
| President's Roundtable | 13 |
| Administration | 14 |
| The Faculty | 15 |
| Course of Instruction | 20 |
| Core Program | 20 |
| Humanities | 21 |
| Modern Languages | 28 |
| History and Social Sciences | 31 |
| Mathematics and Natural Sciences ... | 39 |
| Interdivisional Program | 44 |
| Scholarships and Loans | 48 |
| Calendar of Events | 50 |

*Eckerd College is related by covenant to the Presbyterian Church, U.S.,
and the United Presbyterian Church, U.S.A.*

ECKERD COLLEGE/ST. PETERSBURG, FLORIDA

This catalog of Eckerd College contains information about the college and course listings. Also available are publications containing detailed course descriptions, additional information about the college and its campus, or brief descriptions of specific academic topics. For further information, write Dean of Admissions.



ECKERD COLLEGE

A FOUR YEAR, COEDUCATIONAL,
LIBERAL ARTS COLLEGE 1972-73

The Community of Learning

Learning is what it's all about at Eckerd College. You can learn from lectures, classes, books, jobs, professors, singing in the choir, listening to a rock concert, arguing, writing a paper or a poem, designing a poster, talking to other students or to the president. The important thing is that you must assume the basic responsibility for your education; you must begin the action, pursue your goals effectively, conclude your study responsibly. You won't be spoon-fed or force-fed, but you'll find a college-ful of people to help you. Eckerd College expects from students a high level of academic accomplishment; accordingly, the college offers students excellent resources and unusual opportunities for learning.

Core Courses

Every year every student takes the interdisciplinary Core course, taught cooperatively by professors of all academic disciplines. Small groups of students, with a faculty leader, discuss the topics presented by Core lecturers, expanded by reading that ranges from ancient works to contemporary ones. Topics are updated each year, but generally follow a pattern of study that in the Freshman year explores the common heritage of Western man; in the Sophomore year, society's problems and possible solutions (including environmental problems); in the Junior year, cultures other than Western; and in the Senior year, major issues of today.

The 4-1-4 Calendar

Eckerd College uses a 4-1-4 calendar. This is a shorthand way of summarizing the major features of the calendar. There are three terms: fall, winter, and spring. During fall and spring term most students study four subjects, whereas during the middle, or winter term, they work intensively on a single subject.

Winter Term

Winter term is a special four-week period of independent study. You work without the routine of classroom and lecture hall on a single problem of particular interest to you. With guidance, you choose your subject, gather material, organize it, and present it as a paper, a short story, a painting, or a piece of laboratory apparatus.

You may enroll in projects designed by professors, or design your own and obtain the sponsorship of a professor. Projects must have academic or creative merit and are judged by rigorous standards. Many colleges have followed our example in adopting a winter term, making it possible to exchange students and increase the range of projects. Eckerd College also cooperates with other 4-1-4 colleges in sponsoring winter term projects abroad or in major cities in the United States.

Studies Abroad

At Eckerd College, you will have a variety of opportunities for study abroad.

Winter term projects abroad are conducted annually and, through exchange with other colleges on similar calendars, you can enroll in programs carried out in any part of the world.

You can participate in year abroad programs in Neuchatel, Freiburg and Madrid through the program of the Associated Mid-Florida Colleges.

In the fall of 1970, the college began a new pilot project in international studies. Operating out of the college's London Study Center, you can undertake Core and specially organized independent study projects in the British Isles and on the continent. Travel, room and board, and all regular program expenses are provided for in the regular comprehensive charges of the college.



Programs of Study

The bachelor's degree is granted upon demonstration of proficiency in the interdisciplinary Core program, a major subject and its related fields, and reading skills.

1. The Interdisciplinary Core Program: One course during each full term of residence is devoted to this interdisciplinary program, which functions as an integrating force for the individual and for the campus as a community of scholars.

2. A Major Subject and its Related Fields: Major requirements are specified in terms of courses or proficiencies. Seniors must prepare a Senior thesis or take a comprehensive examination, depending upon the desires of the student and the consent of the faculty in the major discipline.

Majors are offered in 26 areas in addition to divisional or interdisciplinary majors. Please see Course of Instruction listings (beginning on page 20) for specific majors.

3. Reading Skills: A reading laboratory is available for improving reading speed and comprehension. The ability to read at a rate of at least 425 words per minute with a comprehension of 70% is required for graduation.

Requirements

Ordinarily, you must complete four years in residence and successfully complete 32 courses and four winter term programs. A 4-1-4 program is the normal minimal academic load. Transfers from other colleges may be credited with as much as two years of college work undertaken elsewhere. In order to graduate from Eckerd College, you must spend at least two years, including the Senior year, at the college.

Considerable freedom in the manner of fulfilling these requirements is possible. With approval of your faculty adviser, you may petition the Academic Affairs Committee to substitute other experiences for one or more of the 32 courses and four winter term programs. It is possible and often desirable to obtain experience in ways other than passing courses.

Independent Programs

Many Eckerd students use the opportunities offered by the college to earn academic credit through programs that may be undertaken independently, on campus or off-campus. These programs include:

Demonstration of proficiency: If you have reached advanced levels of proficiency in certain areas, you may receive course credit or advanced standing by successful performance in an examination. In many areas, you can prepare for examinations independently and receive credit without attending lectures and classes.

Independent study: If you want to study a topic in which no regular

instruction is offered, you may be able to study independently, supervised by a qualified professor. You and the professor will sign a contract showing the subject to be covered and the criteria for evaluating the project.

Directed study: Many courses may be taken by directed study. You follow a course syllabus and submit work for evaluation at intervals, covering much the same ground as in a standard course, but working at your own pace under the supervision of the professor. You may also take by directed study some courses that are never offered as regular courses or are offered infrequently. Directed study guides have recently been prepared with a grant from the Ford Foundation.

Evaluation

Scholarly and creative activity contain their own rewards. In order to help focus attention on these activities and away from competition for grade point averages, the faculty of Eckerd College have adopted a simple system for evaluating students' work: the grades of HP-High Pass, P-Pass, and F-Fail.

In addition to providing an overall grade, professors report their analyses of the particular strengths and weaknesses of the students.

Leave of Absence

Students may be granted a Leave of Absence for a term or a year, on application to the Academic Review Committee and with the approval of that committee. Leaves of Absence will be granted only to matriculated students who are in good standing socially and academically.

Foreign Language Study

The college places great value upon foreign language study. Many students entering Eckerd College continue the study of language and Admissions recommends that applicants to the college take a foreign language in secondary school.

Teacher Education

Eckerd College's innovative plan of professional training for secondary school teachers has become a model for other institutions to follow. Education courses as such have been eliminated. Instead, the emphasis is upon actual teaching under personalized supervision. The program has been approved by the State of Florida Department of Education, and full certification for graduates is immediately available in the majority of states — those that have adopted the new approved program approach to teacher education.

Application to the Teacher Education program is initiated by the student, preferably during the Sophomore year. Training begins with non-credit teaching responsibilities for two terms on campus, or in the St. Petersburg community and in the public schools. The second term of the Senior year consists of five weeks of intensive training in skills and practical knowledge for the subsequent ten weeks of student teaching in Pinellas County schools. Core 402 is the only academic course that can be taken during this final term.

Jefferson House Program

Each year, a limited number of students may be accepted in the Jefferson House Program, in which students are exempted from the formal graduation requirements and allowed to design a four-year course of study for themselves. The course of study is designed cooperatively by the student and one

or more of the Senior Fellows of Jefferson House. It is expected to be a course of liberal studies that will meet the particular needs, talents and interests of the student. Jefferson House seeks, as Junior Fellows, students who have a clear sense of direction and who have demonstrated self-discipline in seeking objectives.

Summer School

Eckerd College offers a six-week summer program which includes courses in several disciplines including mathematics, literature, and foreign languages.

In many disciplines there is opportunity for independent and directed study during the summer. Summer school is open to all qualified undergraduates and many courses are open to capable high school Juniors and Seniors.

Religious Life

Eckerd College seeks to create an atmosphere enabling the Christian faith to be the cornerstone and the central focus of the total academic community.

Religious activities are open to all, "seekers" and "believers" alike, regardless of church affiliation or lack of it. The program seeks to involve students at every level of interest, commitment and maturity.

All aspects of the college's religious program are voluntary. The chaplain, individual faculty members, students and choir participate in worship services conducted for the entire college community.

Black Students

In the fall of 1971, there were 58 black students enrolled in the college. The college is committed to a meaningful and relevant education for black students and has initiated an intensive effort to recruit more black students to enhance the learning environment for all students. Black students have organized the Afro-American Society, which brings to the attention of the campus community the problems and concerns of black students, carries on work in the black community of St. Petersburg, and sponsors black speakers on campus.

Sports For All

The intercollegiate athletic program includes basketball, golf, tennis, fencing, baseball and soccer. Eckerd College is a member of the National Collegiate Athletic Association.

The college sponsors an extensive intramural-extramural program in 17 different team and individual sports for both men and women. Also available are swimming, judo, sailing, volley ball and other sports, depending on student interest.

Community Internship Program

The college develops opportunities for work in off-campus community service projects, under the guidance of a faculty member or of the Student Association. These activities include research, tutoring, paraprofessional training and planning, strategy and action for community development. Many opportunities are available on a purely voluntary basis, while others are presented in the context of courses, in independent study courses, or in group independent study projects. Internships lasting a summer or a term are also

carried out on a limited basis. Course work for credit involving off-campus community service is expected to have both theoretical and practical components.

FRESHMAN ADMISSION

Admission to Eckerd College is based upon past academic performance in mathematics, science, literature, language and social studies, achievement on examinations, and personal qualifications such as character, special talents, range of interest, maturity and personal development.

Your Application

1. Request application forms early in your Senior year from the Dean of Admissions.

2. Complete and return your application to the Dean of Admissions, with a non-refundable application fee of \$15, at least two months prior to the desired entrance date. Students who are financially unable to pay the \$15 application fee will have the fee waived upon request. Request the guidance department of the secondary school from which you will be graduated to send an academic transcript and personal recommendation to: Dean of Admissions, Eckerd College, St. Petersburg, Florida 33733.

3. Arrange to take the Scholastic Aptitude Test offered by the College Entrance Examination Board or the ACT Test Battery, offered by the American College Testing Program.

Notification of Acceptance

The Admissions Office of Eckerd College will prepare a file on each candidate for admission. This compilation will include the original request for an application, transcripts from the high school or preparatory school, test scores, personal recommendations from the secondary school, student's statement of activities and any other pertinent data.

The Admissions Committee of Eckerd College meets at regular intervals during the school year. The first of the regular meetings takes place in October, and if you have completed your formal application, including a high school transcript which is complete through the Junior year, and Scholastic Aptitude Test scores or ACT Test results, it is possible for the Committee to act upon your application at that time. Acceptance by the Committee at this time does not mean that you are obligated to attend Eckerd College.

When an application for admission is submitted to the Admissions Committee and action has been taken, the Dean of Admissions will notify you of the status of your application. Your application may be accepted pending successful completion of the Senior year; admission to Eckerd College may be denied; successful completion of summer school at the college may be required; or additional information may be requested to help the Admissions Committee make a final decision. If you are for any reason in doubt about the status of your application, write directly to the Dean of Admissions.

A visit to the Eckerd College campus is highly recommended. Please telephone or write to the Admissions Office for an appointment at least two weeks prior to the time of the intended visit. Only those students accepted by the college may be guests of the college for weekend visits.

A medical examination form will be sent to each candidate who has paid the \$50 acceptance fee. This form should be completed and returned to the Dean of Admissions before the due date which is listed at the top of the form. **No student will be allowed to register until this form is completed and on file.**



Advanced Placement Program

Courses will be honored at Eckerd College on the basis of scores on the Advanced Placement Examination administered by the College Entrance Examination Board. Scores of four and five will automatically certify the student in the course covered by the examination. Scores of three will be recorded on the student's permanent transcript and will be referred to the staff of the appropriate discipline for recommendations concerning possible credit.

Transfer Admission

If you are a student at another college or university, you must complete the requirements for admission already listed and submit a transcript of your college record with a catalog from all colleges attended. A personal statement explaining your reasons for wishing to transfer is also required.

The number of transfer students that will be admitted each year depends upon the availability of space in the Sophomore and Junior classes. In order to graduate from Eckerd College a student must spend at least two years, including his Senior year, at the college or in an approved off-campus program.

In order to be considered for transfer to Eckerd College, an applicant must be in good standing at the institution last attended and eligible to return to that institution.

All applicants must submit official results of the Scholastic Aptitude Test or the ACT Test Battery to the Dean of Admissions at Eckerd College. Transfer applicants who have previously taken these tests may submit these scores or arrange to retake the examination.

The transfer of credit from other colleges and universities approved by their regional agency depends upon the correspondence of the courses to those offered at Eckerd College and the approval of the academic division concerned. Grades below "C" are not acceptable for transfer. Students wishing to transfer for spring term must have initiated their application before December 1.

All transfer students receiving the Associate in Arts degree from a regionally accredited two year college will receive two years' credit toward the Bachelor's degree at Eckerd College.

Candidate's Reply

All candidates (including financial aid applicants) will deposit \$50 with the Dean of Admissions by May 1, if admitted prior to that date. Applicants admitted after May 1 will be expected to make this deposit within two weeks after acceptance. This money, though not refundable, is applied toward the comprehensive charges upon enrollment.

Early Admissions

Eckerd College, emphasizing individual education, will admit into the Freshman class certain highly selected students who have demonstrated scholastic aptitude, academic preparation, social maturity, and strong motivation, but who have not graduated from secondary school.

The criteria for determining early admission are: (1) completion of the eleventh grade of secondary school; (2) strong and highly commendable college preparatory secondary-school program and commensurate scores on either the Scholastic Aptitude Test (SAT) or the ACT Test Battery; (3) at least two references: (a) Secondary School Record Description Summary Form, (b) Eckerd College Early Admissions Recommendation Form; (4) approval from the secondary school principal if you had previously planned to be graduated from the school; (5) personal interview, which is required of all candidates for Early Admission.

Orientation

All new students, Freshmen and transfers, will be asked to come to the campus for orientation. The orientation period offers an opportunity for meeting with college staff, pre-registration, course counseling and placement testing. Information about the orientation will be mailed July 1 to all applicants who have paid the \$50 acceptance fee.

Costs

A college education of high intellectual challenge is of lasting value and, like most things of value, is costly. Private, non-tax-supported institutions such as Eckerd College make every effort to keep the cost of education down and as a result, the student pays only a portion of the actual expense of his education. The portions paid by the student are as follows:

Annual Expenses (1972-1973)

| Resident | | Non-Resident | |
|---|--------|------------------------------|--------|
| Tuition | \$2500 | Tuition | \$2500 |
| Room & Board | 1085 | | |
| Fees (Orientation, Room Key, Room Damage) | 82 | Fees | 62 |
| Total Charges | \$3667 | Total Charges | \$2562 |
| Books (Estimated) | 150 | Books (Estimated) | 150 |
| Personal Expenses (Estimated) | 300 | Plus living costs off-campus | |

These figures do not include travel costs or the cost of maintaining a car. Returning students' costs and estimated budgets will be approximately the same, minus the \$12.00 orientation fee and \$15.00 room damage fee paid in the first year in attendance.

These charges include cost of room and board, post office box, library, athletic activities, health program, laboratory operations, studio facilities, accident and health insurance, guidance program, and state food sales tax. All rooms are air-conditioned during the months of September, October, November, March, April, and May. The college assumes no liability for utility breakdown over which it has no control.

An assessment has been voted by the students to underwrite student sponsored programs, publications, and similar student functions. The Student Association has authorized the Comptroller's Office to collect this assessment which is in addition to the annual expenses. This assessment is required of all students and is non-refundable.

Fees

Students with automobiles must pay a \$5 annual parking fee. Private instruction in music is \$240 per year for one hour a week and \$120 per year for one-half hour.

Financing Your Education

All accounts are due and payable on a term basis September 6 and January 31. All unpaid accounts from a prior term must be paid before students will be permitted to register for the current term. All accounts must be paid before students will be permitted to take final examinations, obtain a transfer of credits, or be graduated. Specific financial information may be obtained by writing the Comptroller. The booklet, **Financial Guidance for Students**, covers in detail the financial requirements and obligations of students enrolled in Eckerd College. Guides and rules for payments are contained therein.

In order to meet changing economic conditions, the Board of Trustees reserves the right to revise charges as conditions may warrant; the current year's charges will not be adjusted during the academic year.

The payment due September 6 includes the comprehensive cost for the fall term and winter term, minus acceptance fees, plus Student Association fee, room damage deposit, and key deposit. The spring term comprehensive cost is due on January 31. The college cooperates with insurance and tuition plan companies to make monthly installment payments possible when this method of payment of comprehensive costs more nearly fits the family's budget than lump sum payments.

Early Payment on Account

If a parent owes at least \$2,000 and the total amount is paid by July 31, a \$30 credit will be applied to the student account.

Aid to Students

Financial aid is made available to students by the Financial Aid Committee based upon financial need, academic performance and potential service to the college community.

Financial need is determined by an evaluation of the Parents' Confidential Statement by the College Scholarship Service, Princeton, New Jersey. A student's financial aid is generally provided in a package form comprised of scholarship or grant, work aid and loan. Students applying for financial aid are automatically considered for any of these various forms of assistance.

The college's financial aid program emphasizes the self help concept. The majority of students receiving financial aid will be participating in the college or government work scholarship programs or one of the college, government, or state loan programs.

Eckerd College operates with the policy that every qualified student's need should be met, providing application deadlines are met and sufficient funds are available. New students' PCS forms should be in the college's Financial Aid Office by April 1; returning students must submit them by March 1. Annually over half of the student body receives some type of financial aid. For more detailed information contact the Director of Financial Aid regarding a responsible financial aid partnership in the "Aid At A Glance" brochure.

EC



BOARD OF TRUSTEES

Mr. Charles M. McArthur
Chairman

The Rev. Clem E. Bininger
Vice Chairman

Mr. William W. Upham
Treasurer

Mr. Garnette J. Stollings
Assistant Treasurer

Mrs. J. Morton Douglas
Secretary

Mr. Willard A. Gortner
Assistant Secretary

Mrs. Alice M. Harrison
Assistant Secretary

The Rev. Robert C. Asmuth
Pastor, First Presbyterian Church
Fort Myers, Florida

Mr. W. D. Bach
Pensacola, Florida

The Rev. Clem E. Bininger, D.D.
Pastor, First Presbyterian Church
Fort Lauderdale, Florida

Dr. Gordon W. Blackwell
President, Furman University
Greenville, South Carolina

Mr. Scott Brownell
Law Student
University of Florida
Gainesville, Florida

Mr. Henry C. Coleman
Chairman of the Board
Commercial Bank of Daytona Beach
Daytona Beach, Florida

The Rev. Roy B. Connor, Jr., D.D.
Pastor, First Presbyterian Church
Hollywood, Florida

Mr. Charles Creighton
President, Creighton's Restaurants
Fort Lauderdale, Florida

The Rev. John B. Dickson, D.D.
Pastor, First Presbyterian Church
Tampa, Florida

Mrs. J. Morton Douglas
Weirsdale, Florida

Mr. Jack M. Eckerd
Chairman of the Board
Jack Eckerd Corp.
Clearwater, Florida

The Rev. Paul M. Edris, D.D.
Pastor, First Presbyterian Church
Daytona Beach, Florida

Mr. J. Colin English
Chairman of the Board
Edinburgh Investment Corp.
Tallahassee, Florida

Mr. H. D. Frueauff, Jr.
President
Tool Engineering Service
Tallahassee, Florida

Mr. Willard A. Gortner
Assistant Vice President and Manager
Harris Upham and Co. Inc.
St. Petersburg, Florida

Senator Ben Hill Griffin, Jr.
President, Ben Hill Griffin, Inc.
Frostproof, Florida

Dr. Sarah Louise Halmi
Clearwater, Florida

Mrs. Lorena C. Hannahs
Redington Beach, Florida

The Rev. Lacy R. Harwell
Pastor, Maximo Presbyterian Church
St. Petersburg, Florida

Mr. Frank M. Hubbard
Chairman of the Board
Hubbard Construction Co.
Orlando, Florida

Mrs. Stephen R. Kirby
St. Petersburg, Florida

Mr. Oscar R. Kreutz
Chairman of the Board
First Federal Savings and Loan
Association
St. Petersburg, Florida

Mr. Philip J. Lee
Vice President
Tropicana Products, Inc.
Tampa, Florida

Mr. E. Colin Lindsey
Executive Vice President
Belk-Lindsey Stores
Tampa, Florida

Mr. Kenneth H. MacKay, Jr.
Attorney
State Representative, 30th District
Ocala, Florida

Mr. Charles M. McArthur
Chairman of the Board and President
Charles McArthur Dairies, Inc.
Okeechobee, Florida

Mr. Alfred A. McKethan
President, Hernando State Bank
Brooksville, Florida

Mr. William F. O'Neill
President, Tampa Bay Engineering Co.
St. Petersburg, Florida

Dr. Benjamin L. Perry, Jr.
President
Florida Agricultural and
Mechanical University
Tallahassee, Florida

Mr. Harry M. Piper, CLU
New England Mutual Life
Insurance Co.
St. Petersburg, Florida

The Rev. Arnold B. Poole, D.D.
Pastor, Pine Shores Presbyterian
Church
Sarasota, Florida

Mrs. Woodbury Ransom
Charlevoix, Michigan

Mr. Robert T. Sheen
Chairman of the Board,
Milton Roy Co.
St. Petersburg, Florida

Mrs. John W. Sterchi
Orlando, Florida

Mr. Garnette J. Stollings
St. Petersburg, Florida

Mr. William W. Upham
The Upham Company
St. Petersburg Beach, Florida

Mr. James W. Walter
Chairman of the Board
Jim Walter Corporation
Tampa, Florida

Mr. Ross E. Wilson
Weirsdale, Florida

Mr. David L. Wilt
Arlington, Virginia

Honorary Members of the Board

Mr. Charles J. Bradshaw
Miami Shores, Florida

Mr. Cecil V. Butler
Havana, Florida

Mr. J. Leo Chapman
Attorney
West Palm Beach, Florida

Mrs. Charles G. Gambrell
New York, New York

The Rev. Jack G. Hand, D.D.
Pastor, The Palms Presbyterian Church
Jacksonville Beach, Florida

Dr. W. Monte Johnson
Lakeland, Florida

Dr. William H. Kadel
President,
Pittsburgh Theological Seminary
Pittsburgh, Pennsylvania

Mr. Elwyn L. Middleton
Attorney
Palm Beach, Florida

Mr. Lewis J. Ort
LaVale, Maryland

Mr. Benjamin G. Parks
Attorney
Naples, Florida

Dr. J. Wayne Reitz
Rockefeller Foundation
Bangkok, Thailand

Mrs. R. W. Roberts
St. Petersburg, Florida

The Rev. Richard L. Scoggins, D.D.
Wallace Memorial Presbyterian Church
Panama City, Florida

Mr. Robert V. Walker
President, First Federal Savings and
Loan Association
Miami, Florida

BOARD OF VISITORS

Eckerd College's Board of Visitors is comprised of people who have distinguished themselves through significant contributions to our society. The Board works with the president on questions of national significance facing American higher education generally and the private, church-related college specifically.

Mr. Leslie R. Severinghaus, Headmaster Emeritus of Haverford School, Haverford, Pennsylvania, serves as chairman of the Board of Visitors. The Board meets annually on campus.

Mr. Arthur C. Allyn, Jr.
A. C. Allyn & Co.
Sarasota, Florida

The Hon. William B. Buffum
U.S. Ambassador to Lebanon
Beirut, Lebanon

Mr. William H. Cornog
Superintendent
New Trier East High School
Winnetka, Illinois

Mr. Neil O. Davis
Editor and Publisher
The Auburn Bulletin
Auburn, Alabama

Mr. Richard W. Day
Principal
The Phillips Exeter Academy
Exeter, New Hampshire

Dr. Theodore A. Distler
Administrative Consultant Service
Association of American Colleges
Lancaster, Pennsylvania

Mr. Charles Gordon Dobbins
American Council on Education
Washington, D.C.

Mr. John W. Douglas
Attorney
Washington, D.C.

Mr. Thomas Dreier
St. Petersburg, Florida

Mr. J. Wayne Fredericks
Ford Foundation
New York, New York

Mr. Herman W. Goldner
Mayor
St. Petersburg, Florida

Dr. Samuel B. Gould
Sarasota, Florida

Mrs. Mary N. Hilton
Deputy Director, Women's Bureau
U.S. Department of Labor
Washington, D.C.

Mrs. Charlotte M. Hubbard
Department of State
Washington, D.C.

The Hon. Thomas L. Hughes
Carnegie Endowment for
International Peace
New York, New York

Dr. John H. Jacobson
Dean, Genesee Valley Learning Center
Empire State College
Rochester, New York

Dr. Kenneth Keniston
School of Medicine
Yale University
New Haven, Connecticut

Colonel Francis Pickens Miller
Government Service, Writer
Washington, D.C.

Mrs. Helen Hill Miller
Economist, Writer
Washington, D.C.

Sister Rita Mudd
Assistant Director
National Center for
Urban Ethnic Affairs
Washington, D.C.

Mr. Henry Owen
The Brookings Institution
Washington, D.C.

The Hon. Luther I. Replogle
U.S. Ambassador to Iceland
Reykjavik, Iceland

Dr. Lindon E. Saline
Management Development Institute
General Electric Company
Ossining, New York

Mr. Leslie R. Severinghaus
Coconut Grove, Florida

Dr. David W. Sprunt
Chaplain,
Washington and
Lee University
Lexington, Virginia

Mr. John M. Stalnaker
President Emeritus
National Merit Scholarship Corp.
Evanston, Illinois

Dr. John Randolph Taylor
Central Presbyterian Church
Atlanta, Georgia

Dr. James C. Thomson, Jr.
Harvard University
Cambridge, Massachusetts

Dr. Harold Blake Walker
Evanston, Illinois

Mr. Haskell Ward
Ford Foundation
International Division
New York, New York

The Hon. Mural W. Williams
Edgewood Farm
Madison Mills, Virginia

PRESIDENT'S ROUNDTABLE

The President's Roundtable, a select group of young Florida business and civic leaders, meets twice a year for an in-depth look at the complexities of higher education, and provides college officials with capable advice on matters of common interest.

Mr. George J. Albright, Jr.
Vice President & Agency Director
National Standard Life Insurance Co.
Orlando, Florida

Mr. William C. Ballard
Attorney
St. Petersburg, Florida

Mr. Joseph A. Benner, Jr.
Stephen A. Calder Enterprises
Ft. Lauderdale, Florida

Mr. Jay D. Bond, Jr.
Attorney
Daytona Beach, Florida

Mr. William D. Callaghan, Jr.
Western Reserve Life
Assurance Company
Clearwater, Florida

Mr. Carey F. Carlton
Carlton Cattle Company
Sebring, Florida

Mr. Donald R. Crane, Jr.
Vice President
Nabers, Crane & Siver, Inc.
State Representative, Group 52
St. Petersburg, Florida

Mr. E. Earl Donaldson
Vice President for Marketing
Tampa Bay Engineering Company
St. Petersburg, Florida

Mr. J. Colin English, Jr.
Edinburgh Investment Corporation
Tallahassee, Florida

Mr. John C. Evans
Project Engineer
Tampa Bay Engineering Company
St. Petersburg, Florida

Mr. Kim Evans
Winter Park, Florida

Mr. Gary Froid, CLU
Northwestern Mutual Life
Insurance Co.
St. Petersburg, Florida

Mr. John Michael Garner
Senior Vice President
First State Bank of Miami
Miami, Florida

Mr. John E. Grady, Jr.
Vice President
Suncoast Highland Corporation
Largo, Florida

The Hon. D. Robert Graham
Vice President
Sengra Development Corporation
State Representative, 105th District
Miami Lakes, Florida

Mr. John L. Green, Jr.
Attorney
St. Petersburg, Florida

Mr. Robert Haiman
Managing Editor
St. Petersburg Times
St. Petersburg, Florida

Mr. Clifford M. Hames
Senior Vice President and Trust Officer
The First National Bank at Orlando
Orlando, Florida

Mr. L. Edwin Hardman
Vice President
Marine Bank and Trust Co.
Tampa, Florida

Mr. Robert G. Holmes, Jr.
President
Aero Systems, Inc.
Miami, Florida

Mr. James T. Lang
Certified Public Accountant
Tornwall, Lang & Lee
St. Petersburg, Florida

Mr. Victor P. Leavengood
Assistant Vice President
General Telephone Company
Tampa, Florida

Mr. Kenneth H. MacKay, Jr.
Attorney
State Representative, 30th District
Ocala, Florida

Mr. Robert J. Miller
President, Miller Trailers, Inc.
Bradenton, Florida

Mr. J. Ross Parker
President, Pepsi-Cola Bottling Co.
Tampa, Florida

Mr. Harry M. Piper, CLU
New England Mutual Life
Insurance Co.
St. Petersburg, Florida

Mr. Eugene D. Ruffier
Merrill, Lynch, Pierce,
Fenner & Smith, Inc.
Orlando, Florida

Mr. Alan C. Sundberg
Attorney
St. Petersburg, Florida

Mr. Frederick A. Teed
Executive Vice President
Community Federal Savings
and Loan Association
Riviera Beach, Florida

Mr. Stewart Turley
President,
Jack Eckerd Allied Company
Clearwater, Florida

Mr. Robert G. Wagner
President
First National Bank of Seminole
Seminole, Florida

Mr. William P. Wallace
Executive Vice President
Bennett, Wallace, Welch and
Green Insurance Co.
St. Petersburg, Florida

The Hon. John T. Ware
Attorney
State Senator, 19th District
St. Petersburg, Florida

Mr. Eugene L. Williams, Jr.
Senior Vice President
First Federal Savings and
Loan Association
St. Petersburg, Florida

ADMINISTRATION

OFFICE OF THE PRESIDENT

Billy O. Wireman
President
Ed.D., George Peabody College

Alice M. Harrison
Administrative Secretary

OFFICE OF COLLEGE RELATIONS

Robert B. Stewart
Vice President,
College Relations
B.S., University of Florida

Betty Ray
Director of Public Information
A.B., Wesleyan College

OFFICE OF THE PROVOST

Elwyn A. Smith
Provost
Vice President for Academic Affairs
Ph.D., Harvard University

Alvie A. Benton
Director of Upward Bound
Visiting Lecturer in Education
M.A., New York University

Clark H. Bouwman
Director of Off-Campus Study
and International Education
Ph.D., New School for
Social Research

Wanda J. Calhoun
Head Librarian
A.M.L.S., University of Michigan

Barbara L. Cozad
Admissions Counselor
B.A., Florida Presbyterian/Eckerd
College

Ian M. Hubbard
Associate Dean of Admissions
B.A., Drew University

John P. Kondelik
Cataloguer
M.S., Florida State University

Richard W. LaRue
Director of Financial Aid
M.A., University of California,
Berkeley

Cloyd H. McClung
Reference Librarian
M.A., Florida State University

Dyer S. Moss
Dean of Admissions
M.A.T., Rollins College

James E. Myles
Assistant Dean of Admissions
B.A., University of South Florida

Jessie E. Spencer
Reference Librarian
M.S.L.S., Florida State University

Edward I. Stevens
Director of Research
and Educational Services
Ph.D., Vanderbilt University

Ruth R. Trigg
Registrar
B.A., University of Kentucky

Phyllis T. Zarek
Assistant to the Librarian
for Acquisitions

STUDENT AFFAIRS STAFF

Sarah K. Dean
Vice President for Student Affairs
Dean of Students
M.A., George Peabody College

Richard D. Huss
Associate Dean of Students
B.A., Florida Presbyterian/Eckerd
College

Mary Louise Jones, R.N.
College Nurse

Donald E. McClanathan, M.D.
and Associates
Student Health Services
Bayfront Medical Center
M.D., University of Illinois

Ethel McGuirk, R.N.
Nursing Director of the
Health Center

Roger F. Reinhardt, M.D.
Psychiatric Consultant,
Counseling Center
M.D., Medical College of Georgia

Marion K. Royal
Coordinator of Housing and Counselor
M.A., University of Kentucky

William E. Savage
Counselor in Residence
D.Mn., University of Chicago

Harold L. Wahking
Coordinator of Counseling
Center Services
M.A., University of Louisville

OFFICE OF THE CHAPLAIN

Alan W. Carlsen
Chaplain
M.Div., McCormick Theological
Seminary

DEVELOPMENT OFFICE

William H. Taylor

Vice President for Development
A.B., DePauw University

Christine B. Buhrman

Associate Director, Development
M.M., Florida State University

J. Lloyd Horton

Associate Director, Development
B.A., University of North Carolina

Carolyn Hall France

Alumni Secretary
B.A., Florida Presbyterian/Eckerd College

OFFICE OF BUSINESS AFFAIRS

John D. Phillips

Vice President for Business Affairs
M.Ed., University of Florida

Leslie R. Smout

Comptroller
B.A., University of South Florida

Charles F. Gibbs

Manager, Purchasing
A.B., New York University

William A. Hofacker

Director, Physical Plant
B.S., University of Illinois

THE FACULTY

Billy O. Wireman

B.A., Georgetown College
M.A., University of Kentucky
Ed.D., George Peabody College
President

Elwyn A. Smith

B.A., Wheaton College
B.D., Yale Divinity School
Th.M., Princeton Theological Seminary
M.A., Harvard University
Ph.D., Harvard University
Provost
Vice President of Academic Affairs

Daniel A. Zaret

Ph.D., University of Moscow
Professor Emeritus of Russian

Dudley E. South

A.B., Wooster College
M.A., Ph.D., University of Michigan
Professor Emeritus of Mathematics

Emil Kauder

Ph.D., University of Berlin
Professor Emeritus of Economics

Frances M. Whitaker

M.A., Columbia University
Registrar Emeritus

Interdisciplinary Studies

Robert J. Hatala

B.S., Juniata College
Ph.D., Yale University
Professor of Chemistry
Director of Interdisciplinary Studies

Joncker R. Biandudi, Jr.

B.A., Sioux Falls College
M.A., Howard University
Assistant Professor of
Afro-American Studies
Fellow of Jefferson House

Tennyson P. Chang

A.B., University of Southern California
M.A., Columbia University
Ph.D., Georgetown University
Professor of Asian Studies

Lloyd R. Craighill, Jr.

B.A., Swarthmore College
M.Div., Virginia Theological Seminary
M.A., Harvard University
Associate Professor of East
Asian Studies

Charles O. Todman, Jr.

B.A., Howard University
Ed.M., Temple University
Coordinator and Associate
Professor of Afro-American Studies

The Division of the Humanities

J. Stanley Chesnut

B.A., University of Tulsa
M.Div., McCormick Theological Seminary
M.A., Ph.D., Yale University
Chairman, Division of Humanities
Professor of Humanities and Religion

James O. Black

A.B., M.A., Ph.D., University of Arkansas
Associate Professor of Literature

Thomas C. Braun

B.A., Lawrence University
M.A., University of Minnesota
M.A., Ph.D., University of Iowa
Assistant Professor of Theatre

James R. Carlson

A.B., Hamline University
M.A., University of Minnesota
Professor of Humanities and Theatre

Alan W. Carlsten

B.S., University of Oklahoma
M.Div., McCormick Theological Seminary
Professor of Religion
Chaplain

Albert Howard Carter, III

B.A., University of Chicago
M.A., Ph.D., University of Iowa
Assistant Professor of Comparative Literature

James G. Crane

A.B., Albion College
M.A., State University of Iowa
M.F.A., Michigan State University
Professor of Art

John Keith Eckert

B.A., Florida Presbyterian/Eckerd College
M.F.A., Cranbrook Academy of Art
Instructor in Art

Edward Field

B.A., New York University
Visiting Poet

John T. Garrigues

B.A., Syracuse University
M.A., Florida State University
Ph.D., University of Chicago
Associate Professor of Classics

Virginia P. Gates

B.A., M.A., Jersey City State College
Assistant Professor of Reading

Jerry H. Gill

B.A., Westmont College
M.A., University of Washington
B.D., New York Theological Seminary
Ph.D., Duke University
Associate Professor of Philosophy

Robert J. Gould

B.Mus., M.A., University of Oregon
Professor of Music
Fellow of Jefferson House

Robert O. Hodgell

B.S., M.S., University of Wisconsin
Associate Professor of Art
Artist in Residence

Keith W. Irwin

A.B., Cornell College
B.D., Garrett Theological Seminary
Professor of Philosophy and Religion
Fellow of Jefferson House

E. Ashby Johnson

A.B., Presbyterian College,
South Carolina
B.D., Th.M., Th.D., Union Theological Seminary, Virginia
Professor of Religion and Philosophy
Director of Jefferson House

Gilbert L. Johnston

B.A., Cornell University
B.D., Princeton Theological Seminary
Assistant Professor of Religion

Richard B. Mathews

B.A., University of Florida
Assistant Professor of Literature

James H. Matthews

B.A., Seattle Pacific College
M.A., Ph.D., Vanderbilt University
Assistant Professor of Literature

J. Peter Meinke

A.B., Hamilton College
M.A., University of Michigan
Ph.D., University of Minnesota
Professor of Literature

Peter A. Pav

B.A., Knox College
M.A., Ph.D., Indiana University
Associate Professor of Philosophy

Margaret R. Rigg

A.B., Florida State University
M.A., Presbyterian School of Christian Education,
Richmond, Virginia
Associate Professor of Art
On leave 1972-73

Elwyn A. Smith

B.A., Wheaton College
B.D., Yale Divinity School
Th.M., Princeton Theological Seminary
M.A., Harvard University
Ph.D., Harvard University
Professor of Religion
Provost

Shirley A. Smith

B.Mus., Oberlin College
M.Mus., Syracuse University
Assistant Professor of Music

William G. Thomson

A.B., Olivet College
M.A., Cornell University
Ed.D., University of Michigan
Professor of Classics

William E. Waters

A.B., University of North Carolina
M.Ed., College of William and Mary
Professor of Music

Frederic R. White

A.B., M.A., Oberlin College
Ph.D., University of Michigan
Professor of Classical and Comparative Literature
Fellow of Jefferson House

The Division of Modern Languages

Pedro N. Trakas

A.B., Wofford College
M.A., Universidad Nacional de Mexico
Ph.D., University of North Carolina
Litt.D., Wofford College
Chairman, Division of Modern Languages
Professor of Spanish
On leave 1972-73

W. Vickery Allen

B.A., M.A., A.B.D., University of Georgia
Visiting Instructor of Spanish

Peter W. Chang

B.A., Taiwan University
M.A., University of North Carolina
Assistant Professor of Chinese Language

Sidney E. Disher, Jr.

B.A., Wake Forest College
M.A., Rice University
Assistant Professor of German

Lester C. Dufford

B.A., Florida Presbyterian/Eckerd College
M.A., Ph.D., Florida State University
Assistant Professor of French

Frank M. Figueroa

B.S., Seton Hall University
M.A., Ed.D., Columbia University
Teachers College
Professor of Spanish

J. Peter France

B.A., Florida Presbyterian/Eckerd College
M.A., Harvard University
Assistant Professor of Russian

Henry E. Genz

A.B., Emory University
M.A., University of Wisconsin
Ph.D., Western Reserve University
Professor of French

Réjane P. Genz

A.B., Sillery College, Quebec City
 License es lettres, Laval University
 Ph.D., Laval University
Professor of French

Kenneth E. Keeton

A.B., Georgetown College
 M.A., University of Kentucky
 Ph.D., University of North Carolina
Professor of German
Acting Chairman, Division of Modern Languages, 1972-73

Vivian A. Parsons

A.B., Brandeis University
 M.A.T., Harvard University
Instructor in Russian

Thelma B. Watson

B.A., Fisk University
 M.A., State University of Iowa
 D.M.L., Middlebury College
Professor of German

The Division of History and the Social Sciences

William C. Wilbur

A.B., Washington and Lee University
 Ph.D., Columbia University
Chairman, Division of History and The Social Sciences
Professor of History

Clark L. Allen

B.A., McKendree College
 M.A., Washington University
 Ph.D., Duke University
Professor of Economics

Gerhard Anders

M.Eng., T.U. Clausthal, West Germany
Assistant Professor of Economics

J. Marvin Bentley

B.A., Davidson College
 Ph.D., Tulane University
Assistant Professor of Economics

Clark H. Bouwman

A.B., Kalamazoo College
 B.S., Western Michigan University
 M.A., Ph.D., New School for Social Research
Professor of Sociology
Director of Off-Campus Study and International Education

Richard R. Bredenberg

A.B., Dartmouth College
 B.D., S.T.M., Oberlin College
 Ph.D., New York University
Professor of Education
Director of Teacher Education

Burr C. Brundage

A.B., Amherst College
 Ph.D., Oriental Institute, University of Chicago
Professor of History

Sarah K. Dean

A.B., Georgetown College
 M.Re., Southern Baptist Theological Seminary
 M.A., George Peabody College
Assistant Professor of Sociology
Vice President for Student Affairs
Dean of Students

Dudley E. DeGroot

B.A., University of West Virginia
 M.A., University of New Mexico
 Ph.D., Ohio State University
Professor of Anthropology and Sociology

Theodore M. Dembroski

B.S., Ph.D., University of Houston
Associate Professor of Psychology

Timothy R. Gamelin

B.A., Gustavus Adolphus College
 M.A., Ph.D., Duke University
Associate Professor of Political Science

Robert W. Greenfield

A.B., Kent State University
 Ph.D., Ohio State University
Professor of Social Psychology
Fellow of Jefferson House

James R. Harley

B.S., Georgia Teachers College
 M.A., George Peabody College
Associate Professor of Physical Education
Director of Athletics

Wesley E. Harper

B.A., Harvard University
Assistant Professor of Psychology

Jay S. Johnson

B.A., Oberlin College
 B.D., Yale Divinity School
 M.A., American University, Beirut
 Ph.D., Cornell University
Professor of Sociology

William Livesey

B.S., University of Maine
Assistant Professor of Physical Education

James M. MacDougall

B.S., Highlands University, New Mexico
 M.A., Kansas State University
 Ph.D., Kansas State University
Associate Professor of Psychology

William F. McKee

B.A., College of Wooster
 M.A., Ph.D., University of Wisconsin
Professor of History

Anne A. Murphy

B.A., College of Wooster
 B.D., Yale Divinity School
 Ph.D., University of North Carolina
Associate Professor of Political Science

William H. Parsons

A.B., Grinnell College
 A.M., Harvard University
 Ph.D., Indiana University
Associate Professor of History

Felix Rackow

B.S., M.A., Ph.D., Cornell University
Professor of Political Science

Edward I. Stevens

A.B., Davidson College
 B.D., Harvard Divinity School
 Ph.D., Vanderbilt University
Associate Professor of Psychology
Director of Research and Educational Services

Michael Stevenson

B.A., M.A., California State College, Los Angeles
 Ph.D., Kansas State University
Assistant Professor of Psychology

David E. Stuart

B.A., West Virginia Wesleyan College
 M.A., University of New Mexico
Assistant Professor of Anthropology

Henri Ann Taylor

A.B., Howard College
 M.A., University of Alabama
Assistant Professor of Physical Education

Harold L. Wahking

B.C.E., M.A., University of Louisville
 B.D., Th.M., Southern Baptist Seminary
Assistant Professor of Psychology
Coordinator of Counseling Center Services

J. Thomas West

B.S., Davidson College
 M.A., University of North Carolina
 Ph.D., Vanderbilt University
Professor of Psychology
Fellow of Jefferson House

Billy O. Wireman

A.B., Georgetown College
 M.A., University of Kentucky
 Ed.D., George Peabody College
Professor of Education
President of the College

The Division of Mathematics and the Natural Sciences

Irving G. Foster

B.S., Virginia Military Institute
Ph.M., University of Wisconsin
Ph.D., University of Virginia
*Chairman, Division of Mathematics
and the Natural Sciences
Professor of Physics
Fellow of Jefferson House*

Wilbur F. Block

B.S., M.S., Ph.D., University of Florida
Associate Professor of Physics

Joan T. D'Agostino

A.B., Rutgers University
Ph.D., University of Cincinnati
Assistant Professor of Chemistry

John C. Ferguson

A.B., Duke University
M.A., Ph.D., Cornell University
Professor of Biology

Philip R. Ferguson

A.B., M.A., Indiana University
Ph.D., University of North Carolina
Associate Professor of Chemistry

Robert J. Hatala

B.S., Juniata College
Ph.D., Yale University
*Professor of Chemistry
Director of Interdisciplinary Studies*

George W. Lofquist

B.S., University of North Carolina
M.S., Ph.D., Louisiana State University
Professor of Mathematics

Billy H. Maddox

B.S., Troy State College
M.Ed., University of Florida
Ph.D., University of South Carolina
Professor of Mathematics

Robert C. Meacham

A.B., Southwestern at Memphis
ScM., Ph.D., Brown University
Professor of Mathematics

Vaughn W. Morrison

B.S., M.S., Ohio University
Assistant Professor of Mathematics

Richard W. Neithamer

B.S., Allegheny College
Ph.D., Indiana University
Professor of Chemistry

George K. Reid

B.S., Presbyterian College,
South Carolina
M.S., Ph.D., University of Florida
Professor of Biology

Richard A. Rhodes II

A.B., Bowdoin College
M.S., Yale University
Ph.D., Brown University
Associate Professor of Physics

William B. Roess

B.A., Blackburn College
Ph.D., Florida State University
*Associate Professor of Biology
Fellow of Jefferson House*





ECKERD COLLEGE

The number of each course conveys the following information: courses numbered 100 to 299 are primarily for Freshmen and Sophomores, 300 to 499 for Juniors and Seniors. 431, 432, Senior Theses, by invitation of the faculty only, and 441, 442, Senior Seminar or Colloquia, by permission of the faculty, are offered in each major discipline. Odd-numbered courses are offered in fall term; even-numbered courses are offered in spring term.

Opportunities for independent study are available in all disciplines. Independent study contracts are negotiated between the student and the faculty sponsor. Independent study contract forms are available in the Registrar's office.

This catalog lists the Core courses, which all students must take, and also the courses according to academic divisions and academic disciplines within each division. Courses are conducted typically in three lecture-discussion periods per week, supplemented by other periods, studios, or laboratories.

Students receiving the endorsement of the professors in their major field may take the equivalent of two courses in spring terms and two in fall terms during their Junior and Senior years in a program of guided independent study and research which should culminate in an acceptable Senior thesis. Every student must pass a comprehensive examination in his major field unless he writes a Senior thesis.

Core Program

The Core program is designed to provide a common educational experience for all students throughout their college years. Involving faculty from all disciplines, drawing its subject matter from all areas of human inquiry and creativity, and organizing its schedule to include a variety of presentations and readings, followed by small-group discussions, Core has, after twelve years of evolution, remained the vital center of the college's academic life.

101 Exploring the Nature of Western Man

Demonstrates methods of inquiry by studying an era (Hellenism), the contemporary developments within a world view (theism), and a people who have been set apart (Afro-America).

102 Civilization

Building on Sir Kenneth Clark's film series, a strictly chronological, historical examination of Western civilization concentrates on works of the corresponding periods from the 11th to the 20th century.

201 Perennial Problems of Society

Dialogues on behavior control, human rights, and technics grow from assigned reading and student-selected works.

202 Environmental Studies

The key to this study is problem solving. A broad view of environmental problems that includes technical understanding, clinical examination of human behavior, community involvement, and group participation in a task force attempting to develop feasible solutions to local environmental problems.

Area Studies

The Junior year of the Core program features comparative studies of the works and institutions of foreign cultures, noting the exchange and interaction between them and our Western tradition. Utilizing four hours per week for

lectures, presentations, workshops, and discussions, the program offers one term of Asian Studies for all Juniors, followed by options in the spring term. These optional Area Studies courses may also be elected by Seniors. Special programs are arranged for students studying abroad.

301 Asian Studies

Required of all students in the fall of the Junior year. Provides an introduction to the traditional civilizations of China, Japan, and India.

Students elect one of the following four courses in the spring term of the Junior year:

302 East Asian Studies

A continuation of Core 301 with particular emphasis upon East Asia and upon the period since 1841.

304 Latin American Studies

A comparative and historical study of the major areas of Latin America with particular attention to contemporary problems.

306 Soviet Studies

Traces the historical background and evolution of contemporary Soviet institutions and introduces the student to the present realities of Soviet life.

308 African Studies

Concentrating on Sub-Saharan Africa, the course examines the geography, history, and cultural configurations of Africa.

401, 402 Christian Faith and Great Issues

Core in the Senior year focuses upon major social, economic, and political issues as they affect and shape the students' own value systems. The entire class attends a weekly evening lecture which is open to the public, followed by discussion with the speaker. Small discussion groups meet at least once weekly. The basis of the program is a series of presentations by noted individuals, invited to the campus to perform, argue, demonstrate their skill, and otherwise address themselves to the issue under consideration. Faculty and students select issues from among those nominated by students. Each study group works with its faculty discussion leader in preparing its own approach to the issue: selecting documents, assigning oral and written presentations of views, and arriving at a method of evaluation.

The Major Program

In addition to the breadth of experience available through the Core program, the college provides a variety of major programs through which the student can attain proficiency in some particular discipline. Each student is expected to select a major and to demonstrate the associated proficiency before graduation. Essential to the demonstration of proficiency in a major is the completion of a Senior thesis or the passing of a comprehensive examination in the major discipline. All students take the comprehensive examination unless invited by the professors of their major discipline to write a Senior thesis instead. In disciplines such as art, in which the emphasis is upon creation rather than research, an exhibition of completed works is the central element in the Senior thesis assignment.

The Division of Humanities

The Division offers majors in Art, Classics, Literature, Comparative Literature, Music, Philosophy, and Religion. A major in Theatre is planned for the fall of 1973. In addition, students may request an interdisciplinary major



in Humanities, to be approved by the faculty adviser and a divisional committee. Further information concerning interdisciplinary programs can be obtained from the coordinator of the humanities major program. Requirements for a humanities major are: (1) ten courses in the Humanities Division; (2) six of the ten courses in one discipline; (3) six of the ten courses at the 300 level or above; (4) Humanities Colloquium (341, 342, 441, 442).

ART

Requirements for a Studio Art major: (1) evidence of an aptitude in art demonstrated through submission of a portfolio in drawing and design; (2) a Senior exhibition giving evidence of the student's achievement and search for artistic maturity; (3) a proficiency in at least three media and a working understanding of art history (Art 201, 202, 211, 212 or demonstrated understanding of these same materials) in order to qualify for the Senior exhibition; (4) eight full term courses.

Interdisciplinary major with emphasis in Art: Art 201, 202, 211, 212, and two additional courses.

201, 202 Introduction to the Visual Arts

Studio-discussion. Visual problems and problem-solving; experience in making aesthetic judgments based on personal involvement and objective analysis.

211, 212 History of Western Art

Survey and analysis; the role of art in Western civilization. (Offered in alternate years.)

221, 222 Drawing Studio

301, 302 Intermediate Studio Critique

Independent studio work with personal instruction available as needed. Participation in regularly scheduled critiques required. Prerequisites: Art 201-202, 221-222 or permission. Media may be restricted as announced in class schedule.

311, 312 Advanced Studio Critique

Independent studio work with personal instruction available as needed. Participation in regularly scheduled critiques required. Prerequisites: Art 201-202, 221-222, 301-302, or permission.

331, 332 Special Topics — Media Workshops

Group research projects based on current needs and interests of students. Exploration of an announced medium. Prerequisite: Art 201 or permission.

East Asian Studies 222 A History of Japanese Art

CLASSICS

The purpose of the Classics discipline is the presentation of the Greco-Roman origins of European Civilization through courses in language and literature. Classics 121, 122 and Classics 331, 332, taught in English, require no knowledge of Greek or Latin. All other courses either aim at or require a basic knowledge of Greek or Latin.

Requirements for a major: competence will be demonstrated through the qualifying examinations in Greek and Latin and a minimum of five courses in the languages beyond the qualifying examinations. History 305, Philosophy 301 and winter term studies in archaeology and mythology are strongly recommended. Students planning to do graduate work in Classics should acquire a reading knowledge of French or German as undergraduates.

The qualifying examination is required for admission into Greek or Latin language courses at the tutorial level. The examination will ordinarily be given after a student has completed the 101-103 series; if equivalent work has been done independently, however, or if other circumstances warrant, the examination will be given on demand. For the level of ability required for successful completion of the examination, see Greek or Latin 101, 102, 103 below. A sample of the examination is available for inspection.

Courses in Translation

121, 122 Greece and Rome: An Introduction to Classical Culture

Open to all students. The cultural development and influence of ancient civilization, studied through its art, literature, mythology, philosophy, and history.

331, 332 Special Topics

Aspects of ancient culture and its subsequent influence. Sample topics: Mythology, Classic Themes in Modern Literature, Greek Tragedy and Its Influence, Roman Comedy and Its Influence.

Directed Study

Classical Mythology in Modern Literature, by Frederic White

Courses in Greek Language and Literature

101, 102, 103 Greek

Preparation for the qualifying examination in Greek which is prerequisite to all advanced study. Basic vocabulary, forms, and grammar of Attic Greek. Development of ability to read at the level of Xenophon and easier Plato.

200, 300, 400 Greek

Tutorials in Greek literature. Students will participate in the selection of topics for study. Sample topics: Xenophon, Homer, New Testament, Greek Tragedy, Greek Comedy, Greek Lyric Poets, Attic Orators, Plato.

Courses in Latin Language and Literature

101, 102, 103 Latin

Preparation for the qualifying examination in Latin which is prerequisite to all advanced study. Basic vocabulary, forms, and grammar of Classical Latin. Development of ability to read at the level of easier Cicero, Livy, and Ovid.

200, 300, 400 Latin

Tutorials in Latin literature. Students will participate in the selection of topics. Sample topics: Catullus, Cicero, Horace, Latin Historians, Lucretius, Latin Prose Composition, Virgil, Ovid, Roman Comedy, Medieval Latin.

HUMANITIES

341, 342, 441, 442 Humanities Colloquium

An interdisciplinary study of man and his products: art, literature, music, philosophy, religion, through selected topics, student reports, and meetings with experts in the fields. Required of all Junior and Senior Humanities majors (except those in Theatre). Open to Sophomore Humanities majors and to others by permission of the instructor.

LITERATURE

A student majoring in Literature will complete eight courses offered by the Literature discipline. He will normally take no more than twelve courses in the discipline.

Requirements for a major in Comparative Literature: reading knowledge of two foreign languages; a reasoned program of eight or more courses in literature, some of them using the methods of comparative literature (e.g., the 331-332 classes in Classics, French, German, Russian, Spanish, East Asian Studies, Literature.)

Requirements for a major in Literature with teaching certificate: one course in linguistics, one in speech, one in advanced composition, and five other courses in literature.

201, 202 Masterpieces of Literature

Selected works of world literature in various genres (the novel, the epic, drama, lyric poetry, belles lettres).

301 American Literature

Major writers through the nineteenth century. (Offered in alternate years).

302 Twentieth-Century English and American Literature

Novels and novelists, poems and poets, dramas and dramatists of the British Isles and America. (Offered in alternate years.)

311 Advanced Composition

The writing of fiction, drama, verse, persuasion, exposition. (Offered in alternate years.)

312 Literary Criticism

The literature, vocabulary, and practice of literary analysis and evaluation. (Offered in alternate years.)

331, 332 Special Topics

Sample topics: Fiction, Romanticism, Lyric Poetry, Neo-Classicism.

341 Shakespeare

(Offered in alternate years.)

342 Milton

(Offered in alternate years.)

401 Linguistics

The structure of language, with some attention to the history of English and its current characteristics. (Offered in alternate years.)

402 Modern Drama

The great dramatists and their theatre. (Offered in alternate years.)

Other Literature courses available:

Classics 331-332, Dante and Milton

East Asian Studies 221, Survey of Japanese Literature in Translation

French 331-332, Twentieth Century French Literature in Translation

German 331-332, Life and Works of Franz Kafka in Translation

Religion 211, Literature of the Bible

Russian 331-332, Nineteenth Century Russian Novel in Translation

Spanish 331-332, Contemporary Latin American Literature in Translation

Directed Study

Introduction to English and American Literature I and II, by J. Peter Meinke

Literature for Children, by J. Peter Meinke

English Literature, by the Literature faculty

Beowulf to Milton (first semester)

Dryden to Arnold (second semester)

Forces in Modern Literature, by Frederic White

Classical Mythology in Modern Literature, by Frederic White
Arthurian Literature, by Frederic White
Modern Russian Fiction, by J. Peter France
The Major Works of Franz Kafka, by Kenneth Keeton
The Artistry of Garcia Lorca, I and II, by Pedro Trakas

MUSIC

Requirements for a major: Music 201, 202, 301, 302, 421, 422, participation in an ensemble during each term of residence, and two additional courses. Music 321 and 322 are required for a teaching certificate.

100, 200, 300, 400 Choral Literature

A study of music for chorus, from Medieval to Contemporary periods. Active membership in the Concert Choir is required concurrently with this course. Two semesters of participation are required to earn one course credit. Prerequisite: acceptance into Concert Choir membership, by audition.

101, 102 Introduction to Music Theory

A study of fundamental musical vocabulary (scales, intervals, etc.) preparatory to the study of the theory of music.

201, 202 Theory of Tonal Harmony

Analysis and composition in small homophonic forms. Instruction in harmony, notation, dictation, sight reading, ear training and keyboard harmony.

301 Theory of Modal Counterpoint

Analysis and composition in the 16th century style. (Offered in alternate years.) Prerequisite: Music 202 or permission of the instructor.

302 Theory of Tonal Counterpoint

Analysis and composition in the 18th century style. (Offered in alternate years.) Prerequisite: Music 202 or permission of the instructor.

311, 312 Introduction to Musical Literature and Styles

The literature and styles of Western music from the Middle Ages to the present.

321, 322 Public School Music

Analysis of problems of teaching and administration of music in elementary and secondary schools with emphasis on special methods; evaluation of music literature. (By independent study.)

323, 324 History and Literature of the Organ

Principles of construction and literature of the organ from 1600 to the present time. (Offered in alternate years.)

341, 342 Contemporary Music

Stylistic trends in music from 1900 to the present time. (Offered in alternate years.)

401, 402 Selected Topics

Depending upon the needs of various classes, the two courses will have subjects such as form, analysis, and composition; music literature; orchestration and conducting; ethnomusicology; church music. (Offered in alternate years.)

421, 422 Applied Music

Required for Music majors. Open to non-majors. Credit equivalent to one course will be given for eight full terms of Applied Music consisting of a minimum of one hour of private instruction per week.

Individual instruction is offered in voice, organ, piano, and wind, brass, and string instruments. Vocal and instrumental ensembles are open to all

students by permission of instructors and required of Music majors for each term in residence. Participation in an ensemble may take the form of rehearsing and playing with the Pinellas County Youth Symphony.

Directed Study

Twentieth Century Music, by William Waters

PHILOSOPHY

Requirements for major: competence for a Philosophy major will ordinarily be demonstrated though a minimum of eight courses in Philosophy which usually will include 211, 322, the 301, 311, and 312 sequence, and a special topics seminar. The student should also develop a related field and carry his special topics philosophy seminar in that field (for example, Philosophy of History with three or four courses in History).

Requirements for a Philosophy and Religion major, with emphasis in Philosophy: student will normally take six courses in Philosophy, which usually will include 211, and the 301, 302, 311, 312 sequence. He will also take Philosophy of Religion and three or four courses in the field of religion.

201 Logic and Language

The nature of language, natural languages, the influence of language on human behavior, truth conditions of language, and the structure of artificial languages.

211 Introductory Philosophy

Selected topics, problems, and philosophers to introduce the student to the concepts, vocabulary, and methods of Philosophy.

212 Ethics

Main types of ethical theory and their implications for contemporary problems of personal and social morality.

301 History of Greek and Roman Philosophy

A study from primary sources of philosophy from the pre-Socratics through Plotinus with basic attention to the nature of metaphysical problems. (Offered in alternate years.)

302 History of Medieval and Renaissance Philosophy

Primary sources of philosophy from Augustine to Descartes with basic attention to the relationship between faith and reason. (Offered in alternate years.)

311 History of Modern Philosophy

Primary sources of philosophy from Descartes through Kant with basic attention to problems of knowledge. (Offered in alternate years.)

312 Contemporary Philosophical Movements

Primary sources of the major philosophical movements of the nineteenth and twentieth centuries with emphasis on their treatments of crucial modern problems. (Offered in alternate years.)

322 Symbolic Logic

Symbolic logic as an instrument for analysis and deduction, and the nature of logical systems.

331, 332 Special Topics

The relationship between philosophy and other academic disciplines with an emphasis on presuppositional analysis. Independent reading in fields of interest such as philosophy of science, aesthetics, social philosophy, philosophy of religion, philosophy of history.

Directed Study

Introductory Philosophy, by Keith Irwin

Introduction to Ethics, I and II, by E. Ashby Johnson

Introductory Logic, I and II, by Peter Pav

READING

While no major in Reading is available, every student must demonstrate proficiency in reading speed and comprehension. Entering students who are deficient in either respect must take the Reading Workshop. The Reading Workshop is also open to students who want to improve their reading skills.

111, 112 Reading Workshop

Individual diagnosis and programming allow each student to set and achieve his own reading goals for vocabulary, comprehension and speed. Proficiency is required of all students and should be met during the Freshman year.

212 Communication Skills

Development of ability in listening, speaking, reading and writing; study skills improvement, briefhand writing and test-taking techniques.

411 Reading Methodology for Teachers

Reading methods, materials, and tests used in teaching remedial, developmental, and accelerated reading skills in English, Mathematics, Science, and Social Studies in public schools. Grade level emphasis depends upon the major interests of students enrolled.

RELIGION

Requirements for a major: Religion 201, 202; 431, 432 or 441, 442; and four programs from Religion 331, 332.

Requirements for a major in Philosophy and Religion with emphasis in Religion: Religion 201, 202; 431, 432, or 441, 442; two programs from Religion 331, 332; and two courses in philosophy.

Competence, not courses, determines proficiency in these majors.

201, 202 The Study of Religion

Religion 201 introduces the phenomenological method of inquiry in religion. Emphasis on the Judaeo-Christian tradition with attention to contemporary forms of Judaism, Protestantism and Catholicism. Religion 202 continues the study of religious phenomena and focuses on documents and institutions of major non-Western religions.

211 Literature of the Bible

An introduction to one of the world's greatest collections of religious writings, leading to understanding of much of Western general literature. Poetry, history, drama, short story, proverbs and parables, prophecy, law, and epistles are studied.

331, 332 Special Topics

Research based on the needs and interests of students. May include: Biblical Studies, Religion in America, East Asian Religion, Primitive Religion, History of Christian Thought, Philosophy of Religion, Christian Ethics, Contemporary Religious Movements. Prerequisite: Religion 201, 202 are strongly recommended for all students planning to take advanced courses in Religion.

Directed Study

Introduction to the Old Testament, by J. Stanley Chesnut

Introduction to the New Testament, by J. Stanley Chesnut

The New Jerusalem: Religion in America, by Alan W. Carlsten

THEATRE

A major program in Theatre is planned for 1973. Until then, students may elect the Humanities major with concentration in Theatre, including six semester courses chosen from Literature 341, Literature 402 and from the following courses, plus an appropriate Senior project.

201 Introduction to Speech

Discussion, public address, oral interpretation of literature. (Offered in alternate years.)

301 Theatre Arts: The Mass Media

The theatre arts as expressed in radio, television, and especially the motion picture. (Offered in alternate years.)

302 Theatre Production: Design and Technique

Relationship of the script to the design and construction of scenery, costumes, lighting, and to the architecture of the theatre. Laboratory sessions and participation in theatre workshop. (Offered in alternate years.) Prerequisite: consent of instructor.

311 Theatre Arts: The Living Theatre

Selected works of dramatic literature, with relationship to theatre history and to the conditions of production before an audience and the community. (Offered in alternate years.)

312 Theatre Production: Directing the Play

Analysis of the play script for performance; development of design; direction of acting and staging especially in educational, community, and church theatres. Laboratory sessions and participation in theatre workshop. (Offered in alternate years.) Prerequisite: consent of instructor.

313 Theatre Seminar for advanced students

331, 332 Theatre Projects

Participation in theatrical production as actors, directors, designers, technicians. Prerequisite: consent of instructor.

The Division of Modern Languages

Chinese, French, German, Russian, Spanish

Majors are offered in French, German, Russian, Spanish and Modern Languages (a combination of two or three). Instruction is offered in Chinese, but the major that is offered is in East Asian Studies rather than Chinese language.

Requirements for a major in a given language are eight courses beyond 101-102 or the equivalent. Study abroad counts toward the fulfillment of major requirements. Additional supporting work in related areas is advisable. After the first year, courses are taught ordinarily in the language. Only these courses count toward the major, whereas literature courses in translation are offered as electives.

Students may request a divisional major, to be approved by the faculty adviser and a divisional committee. Requirements for a divisional major are six courses or more above the 202 level in one language, with a Senior comprehensive exam or thesis in that language, plus four courses or more in one or more additional languages, but not less than two courses in any one of those languages. Further information concerning these programs can be obtained in the division office.

CHINESE LANGUAGE

101, 102 Elementary Chinese

Emphasis on spoken Chinese. Practical vocabulary, pattern sentence structure and conversational stories taught in romanized form by a native speaker. Writing and philology gradually introduce a few basic Chinese characters. Practicing Chinese calligraphy is optional. Independent laboratory practice in addition to scheduled language laboratory training is available.

201, 202 Intermediate Chinese

Emphasis on written Chinese, with continued training in oral use; introduction and practice of calligraphy. Independent laboratory practice in addition to scheduled language laboratory training is available.

301, 302 Advanced Chinese

Designed to give a working proficiency in the oral and written use of the language. Vernacular, literary and newspaper Chinese.

Directed Study

Chinese Traditional Drama, by Peter Chang

Chinese Calligraphy, by Peter Chang

FRENCH LANGUAGE AND LITERATURE

101, 102 Elementary French

Intensive drill in understanding, speaking, reading and writing. A thorough study of grammar. Independent laboratory practice, in addition to scheduled laboratory classes. May also be taken as an independent course with extensive laboratory work.

201, 202 Intermediate French

Grammar review, conversation, selected prose readings and collateral reading and reports. Independent laboratory practice. May also be taken as an independent course with extensive laboratory work.

301, 302 Introduction to French Literature

Reading of outstanding selected prose, poetry and drama.

311 Advanced Composition and Conversation

(Offered in alternate years.)

331, 332 Special Topics

Based upon current needs and interests of students and offered at the discretion of the French faculty, such as Literature in Translation and other timely courses.

401 Survey of French Literature to 1600

Representative medieval and Renaissance works including medieval drama and poetry. Pléiade poets, Rabelais and Montaigne. (Offered in alternate years.)

402 Eighteenth-Century French Literature

Selected works of principal writers including Condillac, Buffon, Voltaire, Diderot, Montesquieu, Rousseau. (Offered in alternate years.)

404 Seventeenth-Century French Literature

Principal works of Corneille, Racine and Molière. Outside readings from Descartes, Pascal and La Rochefoucauld. (Offered in alternate years.)

411, 412 Nineteenth-Century French Literature

Selected works in the field of the novel, drama and poetry of the period, including Chateaubriand, Lamartine, Hugo, Vigny, Musset, Balzac, Stendhal, Flaubert, Zola, Maupassant, Baudelaire, Rimbaud, Verlaine, Mallarmé. (Offered in alternate years.)

421, 422 Twentieth-Century French Literature

Selected novels, dramas and poems by Gide, Proust, Romain, Mauriac, Giraudoux, Saint-Exupéry, Camus, Valéry, Claudel, Sartre, Saint-John Perse, Ionesco, Beckett. (Offered in alternate years.)

GERMAN LANGUAGE AND LITERATURE

101, 102 Elementary German

Intensive drill in understanding, speaking, reading and writing. Independent readings spring term. Independent laboratory practice. Available in a taped program for exceptional students and for slow students.

201, 202 Intermediate German or Reading Workshop in German

Grammar review, conversation and modern German short stories. Independent laboratory practice required for Intermediate German only.

301, 302 Introduction to German Literature and Culture

Reading of German masterpieces, poetry and prose. Study of contemporary German through films and lectures.

311 Advanced Composition and Conversation

Student participation in teaching theoretical and practical aspects of grammar. Topical discussions and written assignments in the language. (Offered in alternate years.)

331, 332 Special Topics

Based upon current needs and interests of students and offered at the discretion of the German faculty, such as Literature in Translation and other timely courses.

401, 402 The Novel

Representative novelists from Goethe to the present. Includes Thomas Mann, Hermann Hesse, and the young writers of present-day Germany, Austria and Switzerland. (Offered in alternate years.)

403, 404 Drama

German drama from Goethe to the present. Particular emphasis on drama of the nineteenth century and the present. (Offered in alternate years.)

Directed Study

The Major Works of Franz Kafka, by Kenneth Keeton

German Phonetics, which is required of all German majors, is available on a directed study basis only.

RUSSIAN LANGUAGE AND LITERATURE

101, 102 Elementary Russian

Intensive drill in understanding, speaking, reading, and writing; grammatical and conversational patterns of modern Russian. Reading from simple Russian prose in spring term.

201, 202 Intermediate Russian

Review and continued study of grammar. Vocabulary building and intensive study of word formation. Selected prose and poetry.

301, 302 Introduction to Russian Literature and Culture

Russian cultural heritage and the current Soviet way of life. Survey of Russian literature from Pushkin to Soviet period.

331, 332 Special Topics

Among programs frequently available are Russian literature in translation, open to non-majors, and advanced grammar and composition, open to students at an advanced level in the Russian language.

401, 402 Readings in Russian Literature

Selected readings in Russian, centering around a particular author, era, or genre.

Directed Study

Modern Russian Fiction, by J. Peter France

SPANISH LANGUAGE AND LITERATURE

101, 102 Elementary Spanish

Intensive drill in understanding, speaking, reading and writing. A thorough study of grammar patterns. Independent laboratory practice in addition to scheduled laboratory classes.

201, 202 Intermediate Spanish

Continuation of 101, 102, with a review of grammar fall term and selected reading spring term. Independent laboratory practice required.

301, 302 Introduction to Literature

Exegesis, analysis and evaluation of literary texts with attention to language and literary history.

311 Advanced Composition and Conversation

An intensive analysis of the structure of the language. Designed particularly for future teachers. (Offered in alternate years.)

331, 332 Special Topics

Based upon current needs and interests of students and offered at the discretion of the Spanish faculty; includes Spanish Phonetics, Literature in Translation and other timely courses.

401, 402 The Novel

Fall term: representative novelists from the Generación del '98 to the present. Spring term: a study of the Spanish-American novel from its beginnings to the present. (Offered in alternate years.)

403, 404 Drama

Fall term: modern playwrights from Benavente to the present. Spring term: representative plays of Spain's Golden Age. (Offered in alternate years.)

441, 442 Senior Seminar

A study of the authors, works, genres, or periods of Hispanic literature and culture, according to students' needs: Cervantes, Romanticism and others.

Directed Study

The Artistry of Garcia Lorca, I and II, by Pedro Trakas

The Division of History and the Social Sciences

The Division offers majors in History, Economics, Management, Political Science, Psychology, Biopsychology, Social Psychology, Sociology and Anthropology. In addition, students may request an interdisciplinary major in the Social Sciences, to be approved by the faculty adviser and a divisional committee. Further information concerning an interdisciplinary program can be secured from the Division office.

HISTORY

Requirements for a major: competence in United States history, European history, and one additional field of history, to be determined by written com-

comprehensive examination in the Senior year. The level of competence in each field is the equivalent of three courses in the field. In addition, major students will be required to demonstrate competence in historiographical skills and knowledge, to be determined by oral examination.

211 The Search for Meaning in History

An introduction to the intellectual discipline of history, designed as a first college course for students with an interest in history. An examination of the ways in which historians investigate, analyze and interpret the past.

212 Revolutions in the Modern World

The English, French and Russian Revolutions and their impact in the world community. "Anatomy of revolution," ages of revolutions, and revolutions as unique and idiographic phenomena.

214 American Civilization

Historical development of a democratic civilization in the United States. Emphasis on frameworks within which historians have attempted to interpret the American experience.

231 The Meeting of Indian and Iberian, 1200-1800

Mexican, Mayan, Incan and Medieval Spanish history, to be joined where the Spanish discovery and conquest begin. The Colonial period in Latin America will be studied topically. Knowledge of Spanish recommended. (Offered in alternate years.)

232 Latin America, 1800 to the Present

Histories and cultures of Middle and South American nations from the precursors of independence to the present. Some Latin American novels and map - drawing. Each student will be assigned a special country or an aspect of it as a full term project. Knowledge of Spanish recommended. (Offered in alternate years.)

301, 302 History of England and Modern Britain

The fall term treats the history of the English people to 1688. The spring term traces the development of a modern industrial society and its imperial expansion. (Offered in alternate years.)

305 History of Rome

From the beginning of the Republic through Constantine. Concentration on the political and constitutional aspects of the Roman story. (Offered in alternate years.)

311, 312 American Social and Intellectual History

Development of American thought, culture and social institutions. Prerequisite: History 211-214. (Offered in alternate years.)

315 History of the United States Foreign Relations

History of United States foreign relations from the War of Independence to the present, with emphasis on the role of public opinion and social, economic, and political factors in the formulation of foreign policy. (Offered in alternate years.)

321 The Rise of Russia

The rise of Russian society and culture from the origins of the first Russian state to 1801: Kievan Rus, the Rise of Muscovy, and Peter the Great. (Offered in alternate years.)

322 Modern Russia and the Soviet Union

Russia from 1801 to the present, with emphasis on the revolutions of 1917 and Soviet Russia. (Offered in alternate years.)

331, 332 Special Topics

Such topics as Medieval History, the French Revolution, the British Empire, Origins of World War I, Eastern European History, Mexican History, Imperial Spain, and the Progressive Movement in America.

Afro-American Studies 201 Afro-American History to the Civil War

202 Afro-American History since 1865

205 History of the West Indies

207 History of West and Central Africa

208 History of Eastern and Southern Africa

East Asian Studies 201 China before 1842

202 China from 1842 to the present

Directed Study

The British Empire-Commonwealth Since 1783, by William Wilbur

Latin America: A Three-Part Study, by Burr Brundage

ECONOMICS

Requirements for a major: eight courses including Economics 305, 306, 402, and an approved course in statistics. Competence in economic theory and a selected area will be determined by a written and oral examination in the Senior year.

201 Principles of Economics

A survey of micro-economics and macro-economics.

204 Quantitative Methods

Development of simple mathematical tools needed even in non-mathematical economics: the algebra, calculus, and geometry of price theory. Required of Economics majors who do not take Mathematics 199.

211 Principles of Accounting

Fundamentals of accounting procedure and the uses of accounting data in business management. (Offered in fall term only.)

302 International Economics

History and current status of doctrines and policies of international economics relations. Theories of international trade and finance. Prerequisites: Economics 201, 204. (Offered in alternate years.)

305 Intermediate Micro-economic Theory

A thorough grounding in the systematic application and critical evaluation of the basic concepts of price theory. Prerequisite: Economics 201, 204.

306 Intermediate Macro-economic Theory

National-income accounting, developing an aggregate income model under static assumptions, determinants of the business cycle, and economic growth in mature, market-oriented economies. Emphasis on Keynesian and post-Keynesian contributions to macro-economic theory. Prerequisite: Economics 201, 204.

313 Money and Banking

The institutional setting through which the money supply is determined; the role of monetary policy in achieving full employment and price stability; and the international monetary system. Prerequisite: Economics 201, 204.

315 History of Western Capitalism

Ancient and medieval economic institutions, the rise of capitalism and the restructuring of the system necessitated by structural social changes.

316 Comparative Economic Systems

Functions performed by all economic systems. Origins and attributes of

major contemporary economics. Comparison of the resolution of basic economic problems in the United States and the Soviet Union. Prerequisite: consent of the instructor. (Offered in alternate years.)

331, 332 Special Topics

Such topics as Labor Economics, Urban Economic Problems, and Economic Growth.

402 History of Economic Thought

Economic thought from early classical writers to the modern period.

404 Public Finance

Economic principles underlying government expenditures, taxation, and debt management. Prerequisite: Economics 201, 204. (Offered in alternate years.)

412 Economic Policy

Problems and issues facing today's economy and possible policy measures for dealing with them. (Offered in alternate years.)

See Also Social Science 326, Urban Studies

Directed Study

Economic Development of Latin America, by J. Marvin Bentley

EDUCATION

The program of teacher education approved by the State of Florida Department of Education for secondary school certification consists of: Psychology 201, Pre-Professional Experience I and II, Education 421, 422, 423, 424 plus competence in a certifiable subject area. Students should make formal application to the program through the Office of Teacher Education during their Sophomore year. See page 4 for additional information.

Pre-Professional Experience I, II

Teaching experience as tutor, teaching assistant, or counselor for the equivalent of one-half day a week for one term. Pre-Professional Experience II must be performed in a secondary school. Selected collateral readings.

331, 332 Special Topics

Individual research projects are regularly offered in reading methodology and library science. Other areas are open for investigation.

421-424 Professional Education

History, philosophy and psychology of education, curriculum, methodology, and ten weeks of student teaching. Prerequisites: Psychology 201, Pre-Professional Experience I and II.

GEOGRAPHY

No major is offered in Geography.

201 World Regional Geography

The world's people and resources. (Offered in alternate years.)

202 Historical Geography of the United States

Patterns of settlement and resource utilization in selected areas of the United States. (Offered in alternate years.)

MANAGEMENT

Requirements for a major: Managerial Enterprise, Principles of Accounting, Principles of Sociology, Principles of Psychology, Principles of Economics and either Computer Math or Probability and Statistics. Beyond these requirements, the Management major is ordinarily advised to take a concentration of courses in Economics, Psychology or Sociology, depending upon his own

interest and career plans. The Management major is also required to do a management internship ordinarily during the summer following the Junior year. Finally, the major is required to participate in the Management Symposiums for Seniors held during the academic year prior to his graduation.

201 Managerial Enterprise

Basic concepts and processes of Management; the human relations aspect of planning, organizing, staffing, directing and controlling functions.

460 Directed Study

Cases in personnel management and supervision.

PHYSICAL EDUCATION

Development of sound attitudes, knowledge, and skills for leisure time and recreational activities.

Basic Skills Activities: Varies each term, but normally includes: Archery, Ballet, Bowling, Fencing, Golf, Judo, Sailing, Swimming, Senior Life Saving, SCUBA Diving, Tennis, Water Safety Instruction, Physical Conditioning and Gymnastics.

POLITICAL SCIENCE

Requirements for a major: Political Science 121, 122, and 202; competence in National Government and Politics in the United States and International Politics and Foreign and Comparative Political Systems; four courses selected from such areas as economics, history, philosophy, psychology, and sociology, with at least one in political theory. Students planning graduate work are encouraged to take Math 103, Introduction to Statistics.

121 Introduction to Political Science:

Comparative European Political Systems

Basic concepts of government and politics; methods of analysis in political science. May be taken independently of Political Science 122.

122 National Government and Politics in the United States

Principles and practices of the United States constitutional system. May be taken independently of Political Science 121.

202 International Politics

Methods of analyzing political confrontation and cooperation among nations.

302 Inter-American Politics

Regional and bi-lateral politics among nation-states of the Western Hemisphere. Recommended preparation: Political Science 202, International Politics.

315 The American Presidency

The American Presidency as a political institution.

320 States in the Federal System

The variety and similarities of the states; the partnership and tensions between national and state governments. The state in political parties, legislative maneuver, and presidential politics.

331, 332 Special Topics

Based on the current needs and interests of students, may include selected aspects of government and politics in the United States, international politics or foreign and comparative political systems.

401 International Conflict and the Causes of War

Case studies of contemporary international conflict. Recommended preparation: Political Science 202, International Politics.

403 Politics and Policy Formation in the United States

Political parties, public opinion, the nominating process, elite communication networks, legislative behavior and presidential decision-making.

415 Constitutional Law I

Court cases on U.S. governmental structure and relationships. May be taken independently of Political Science 416.

416 Constitutional Law II

Court cases on relations between the individual and government. May be taken independently of Political Science 415.

421 Political Development

Dynamics of the struggle to increase governmental capabilities in modernizing societies. Recommended preparation: Political Science 121.

See Also Social Science 326, Urban Studies

East Asian Studies 301, Government and Politics in East Asia

302, Far Eastern International Relations

Directed Study

Principles of Government and Politics, by Anne Murphy

South Asian Government and Politics, by Timothy Gamelin

PSYCHOLOGY

Psychology Major Program

Requirements for a major: Psychology 201, 202, and 299; one research seminar; successful completion of comprehensive examinations on three of the following six areas: Physiological — Comparative; Learning — Motivation; Social; Developmental — Personality; Abnormal — Clinical; Statistics — Psychometrics.

Biopsychology Major Program

Designed to prepare students for graduate training in interdisciplinary approaches to the study of biological and biochemical bases of behavior, as well as more traditional programs in physiological and experimental psychology. For this reason, the major program stresses breadth of exposure to several relevant areas rather than intensive specialization in a single field. The following are the minimal course requirements for the major. Additional courses, where needed, will be determined for each individual on the basis of interests and post-graduate plans.

Area requirements: **Psychology**: an understanding of the basic principles of general psychology with intensive knowledge in the area of physiological, learning and animal behavior. Required courses: Psychology 299, 304, 315, 316. Relevant options: Psychology 201, 304, 441. **Biology**: understanding of biological and biochemical mechanisms controlling genetic, physiological, and behavioral adaptations of the organism to its environment. Required courses: Biology 200, 298, 303, 304. Relevant options: Biology 199, 211. **Chemistry**: concepts and principles of modern chemistry including lecture and laboratory experience in both inorganic and organic chemistry. Required courses: Chemistry 111, 112. Strongly encouraged options: Chemistry 211, 222. **Mathematics**: knowledge of college algebra, statistics, and computer programming, and where possible an introduction to calculus. Required courses: Mathematics 102 or Psychology 202. Optional courses: Mathematics 103, 111, 199, 200. **Physics**: no courses are specifically required but the student may elect Physics 101, 102 or 202.

In addition to formal course work, Biopsychology majors are expected to participate in the Biopsychology Colloquium series and to undertake a directed research project during the Junior or Senior year.

Social Psychology Major Program

Required courses: Psychology 201, Psychology 202, Psychology 299, Psychology 302, Psychology 441 (Research Seminar in Social Psychology), Sociology 202, Sociology 321 (Public Opinion and Personality) and Sociology 331 (Culture and Personality.) Although not required, additional offerings in other areas of social science are recommended. Students are expected to take one winter term in either psychology or sociology. The comprehensive examination consists of material from general psychology, social psychology and sociology.

105 Psychology of Personal Development

Presentation of theory and practical aspects of mental health skills for authentic interpersonal relationships and for coping with the common crises of life. No prerequisites. Offered both terms.

201 Principles of Psychology

Major concepts, methods, and problems in the study of the behavior of organisms. Lecture 3 hours; Lab 3 hours.

202 Statistics

Descriptive and inferential statistics; correlation and analysis of variance techniques. No prerequisites.

203 Principles of Psychology for Non-Majors

Theories, research methods, research literature, and general principles of psychology, for students who are not sure about their major or do not intend to major in psychology.

299 Experimental Psychology

Research methodology, experimental findings, and theoretical interpretations relevant to the study of human perception and sensory processes. Lecture 6 hours; Lab 6 hours. Prerequisites: Psychology 202.

302 Social Psychology

Influence of social variables on the behavior of the individual. Lecture 3 hours; Lab 3 hours. Prerequisites: Psychology 201 or 203, 202, 299.

304 Learning and Motivation

Principles of classical and operant learning, verbal behavior, concept formation. Lecture 3 hours; Lab 3 hours. Prerequisites: Psychology 201 or 203, 202, 299.

305 Psychometric Theory

Construction, administration, and interpretation of group and individual tests of intelligence, personality, interests, and achievement. Lecture 3 hours; Lab 3 hours. Prerequisite: Psychology 201 or 203.

306 Psychology of Personality

Theoretical and empirical conceptions of human personality. Lecture 3 hours; Lab 3 hours. Prerequisite: Psychology 201 or 203.

309 Developmental Psychology

Development of human and sub-human organisms from conception to adulthood. Prerequisite: Psychology 201 or 203.

311 Behavior Disorders

Origins, classifications, care and treatment of common behavioral disorders. Prerequisites: Psychology 201 or 203, 202.

315 Biopsychology I

Evolutionary theory and a phylogenetic analysis of primitive animative systems and elementary behavior mechanisms. 3 hours lecture and 6 to 9 hours Lab. Prerequisite: Permission of the instructor.

316 Biopsychology II

Continuation of Biopsychology I, with emphasis on more advanced behavior mechanisms. 3 hours lecture and 6 to 9 hours Lab.

331, 332 Special Topics

Such areas as behavior modification, Gestalt psychology, clinical psychology.

SOCIAL SCIENCE

326 Urban Studies

The urban environment from an interdisciplinary perspective: urban politics, the budgetary process at the urban level and a field study by students. Offered jointly by the political science and economics disciplines. (Offered in alternate years.)

SOCIOLOGY AND ANTHROPOLOGY

Requirements for a major: competence in Sociology-Anthropology 201, 202, 401, 402, and four additional courses; Psychology 202 and/or Mathematics 103 for those planning to enter graduate school.

201 General Anthropology

An understanding of the concept of "culture"; how human society operates in primitive social institutions; physical anthropology and archeology.

202 Principles of Sociology

The study and application of major sociological concepts, social processes, institutions, structure and group relations.

204 Deviant Behavior

Analysis of deviant behavior in complex societies; role of sociology in analyzing and understanding such behaviors.

301 Sociology of the Family

The institution of the family; cross cultural analyses; the role of the family in modern society.

321 Public Opinion and Personality

The social psychology of opinion formation and distribution. Prerequisite: Psychology 201 or Sociology 202. (Offered in alternate years.)

325 Society and Psychopathology

Sociological aspects of mental illness; relationship between personal and social experiences and psychiatric syndromes; social dynamics of abnormal behavior; sociological aspects of psychological and psychiatric treatment systems. Prerequisite: Psychology 201 and Sociology 202. (Offered in alternate years.)

331, 332 Special Topics

Topics such as: Criminology, Urban Sociology, Culture and Personality, Archeology, Anthropology of Religion, Social Stratification, Complex Organization, Race Relations, Indians of South America.

401, 402 The Development of Sociological Theory

Readings in the original (or translation) of protosociological and early sociological theories in fall term, and readings and lectures on late nineteenth and twentieth century contributions to modern sociological theory in spring term. Prerequisite: Sociology 202.

411, 412 Survey and Field Experience in Social Work

A survey of the fields and methods of social work; field experience and observation under supervision of professionally qualified social workers in selected local agencies.

Directed Study

The Endless Journey: An Introduction to Anthropology, I and II, by Dudley DeGroot

Black Power in Perspective, by Dudley DeGroot

The Division of Mathematics and the Natural Sciences

The Division offers majors in Biology, Chemistry, Environmental Studies, Mathematics and Physics plus divisional (interdisciplinary) majors for pre-medical, pre-dental and medical technology programs. Information concerning specific course requirements for divisional majors can be obtained from the Division office.

Pre-Professional Science Programs

Interdisciplinary programs for those interested in careers in medicine, dentistry, and veterinary medicine. The Pre-Medical Advisory Committee strongly recommends: Biology 200, 211, 298, 303; Chemistry 111, 112, 221, 222, 341, 352; Physics 101, 102; Mathematics 199, 200; Junior-Senior Colloquium in Biology and/or Chemistry. The committee strongly recommends one or two psychology courses. Modifications in the recommended program to meet the needs of individual students may be arranged through counsel with the committee.

The Environmental Studies Major

Multi-disciplinary programs developed for those interested in careers in environmental management, or continuing at the graduate level in the environmental sciences. Required base courses: Psychology 302, Economics-Political Science 302, Sociology 331 and either Science 111, 112 or Biology 211. Selected prerequisite courses, depending on the ultimate goal of the student, include Economics 201, Political Science 122, Sociology 201 or 202, Psychology 201, Mathematics 103 or Psychology 202. For those interested in a more scientific base, Chemistry 111 and Biology 199 are prerequisites for Biology 211.

Building on this multi-disciplinary base, students will elect four advanced courses in a single discipline to provide in-depth knowledge in one area related to environmental problems. The base, prerequisite and discipline courses will provide the background for involvement in a Junior-Senior level multi-disciplinary colloquium and a group-oriented multi-disciplinary Senior thesis project concerning a local environmental problem.

The Medical Technology Program

A cooperative program between the college and the Bayfront Medical Center results in a B.S. degree from the college and certification as a medical technologist by the Medical Center upon completion.

During the first three years at the college, Biology 200, 298, 303, 304 and Chemistry 111, 112, 221, 222 are required; Mathematics 199, 200 and Physics 101, 102 are strongly recommended. The final year centers at the Bayfront

Medical Center and involves a 52-week program of medical technology training. Students take Core 401-402 on campus during this period.

The Computer Facility

A large and versatile computer is available to the college community on a time-sharing basis. Instruction in the use of the computer is offered to any interested student and the facility is open to any student who is qualified. Projects involving the use of the computer are normally part of the winter term program, and several courses in the mathematics, natural science and social science areas are computer oriented.

MATHEMATICS

Requirements for a major: eight courses beyond Mathematics 202.

103 Introduction to Statistics

Elementary theory and applications of statistics.

104 Computer Algorithms and Programming

BASIC and FORTRAN programming languages are learned and used on the time-shared computer facility. Algorithms are constructed to solve problems ideal for computers but difficult or tedious for man.

111 Principles of Mathematics

Precalculus mathematics including logic, sets, ordered fields, and the polynomial, logarithmic, and trigonometric functions.

199, 200 One-Variable Calculus and Analytical Geometry

Plane analytical geometry integrated with calculus of algebraic and transcendental functions of a single variable; formal integration and applications.

201, 202 Multivariable Calculus with an Introduction to Differential Equations

Infinite series, vectors, partial derivatives, multiple integration, and first order differential equations.

212 Linear Algebra

Real vector spaces, linear mappings, algebra of matrices, Euclidean spaces. Prerequisite: the maturity developed by one who has completed Mathematics 200.

301 Differential Equations

Linear and non-linear differential equations, including series solutions; existence theorems, stability considerations. Prerequisite: Mathematics 202.

304 Numerical Analysis

Solution of non-linear equations, interpolation and approximation, differentiation and integration, systems of linear equations, differential equations. Prerequisite or co-requisite: Mathematics 202.

311, 312 Abstract Algebra

Topics from groups, rings, fields, vector spaces, matrices. Prerequisite: consent of instructor. (Offered in alternate years.)

321, 322 Real Analysis

The real number system, elements of point set theory, limits and continuity, partial differentiation, Riemann-Stieltjes integration, multiple integrals and line integrals, vector analysis, sequences of functions, Fourier series. Prerequisite: Mathematics 202, or consent of instructor. (Offered in alternate years.)

331, 332 Special Topics

Typical topics: Modern Geometry, Probability and Statistics, History and Foundations of Mathematics, Measure and Integration Theory, Number

Theory, Complex Analysis. Prerequisite: consent of instructor.

411, 412 Topology

Point set topology including metric spaces, compactness, connectivity and the separation axioms. Prerequisite: Mathematics 202, or consent of instructor. (Offered in alternate years.)

441, 442 Mathematics Colloquium

A one hour per week meeting of all mathematics majors, and others interested in mathematical topics, to hear invited speakers, faculty, and advanced mathematics students. Subjects include professional opportunities in mathematics and areas not covered in regular courses.

Directed Study

Calculus, I and II, by Robert Meacham

BIOLOGY

Requirements for a major ordinarily will be satisfied by demonstration of basic knowledge and understanding of the history, methods, and principles of plant and animal morphology, taxonomy, physiology, embryology, genetics, evolution and ecology. A normal program would usually include Biology 199, 200, 211, 298, 303, 304, 431, 432, and the Junior-Senior Colloquium, 399-499. Supportive work will be largely determined by career goals, and may include courses in Mathematics, Chemistry, Physics, Psychology, Economics, or other fields.

199, 200 Organismic Biology

Diversity of living systems, their relationships, functions, and interactions, using live invertebrates and vertebrates collected from nearby sea waters.

211 Environmental Biology

Interrelationships between organisms and their environment; experimental analysis of problems relating to local marine and fresh water environments.

241 Summer Research

Supervised original summer research in the biology of marine organisms, aquatic ecology, genetics, and other areas. (By arrangement.)

298 Cellular Biology

Structure and function of cells and tissues; experimental analysis of biological problems.

303 Physiological Biology I - Genetics

Basic concepts in transmission genetics, transcription of genetic material, regulation of gene activity and the process of animal and plant development.

303(M) Physiological Biology I - Genetics (Modified)

Same course as Biology 303 except laboratory replaced by elected experiences appropriate to the student's goals and interests.

304 Physiological Biology II - Comparative

Functional operation of living organisms and general physiological principles revealed through the comparison of different animal groups.

304(M) Physiological Biology II - Comparative (Modified)

Same course as Biology 304 except laboratory replaced by experiences appropriate to the student's goals and interests.

341 Summer Research

Supervised original summer research in the biology of marine organisms, aquatic ecology, genetics, and other areas. (By arrangement through summer school.)

443 Oceanography

Oceanic environment, including the nature of the ocean basins, sea water, ocean currents, waves and tides, political and economic exploitation of the oceans, and how these factors relate to the biology of the seas.

434 Advanced Topics in Environmental Biology

Selected aspects of the ecology of aquatic and terrestrial communities. Topics to be considered will be determined primarily from student interests.

435 Advanced Topics in Cellular Biology and Genetics

Selected aspects of cell processes or genetics. Topics to be considered will be determined primarily from student interests.

441, 442 Biology Colloquium

Discussion of topical problems in biology. Biology faculty and students participate, and outside speakers are often invited. Offered each term. Credit for two courses will be given in the Senior year for participation in a minimum of four terms of the Colloquium.

Directed Study

Anatomy, by George K. Reid

Genetics and Man, by William B. Roess

CHEMISTRY

Students may elect either of two programs. One is for those interested in immediate entry into chemically oriented careers or secondary school teaching and is based on competence in the equivalent of six courses in chemistry beyond Chemistry 111, together with supportive mathematics and physics. The other is for those interested in continuing their study of chemistry at the graduate level and is based upon competence in additional advanced courses in chemistry, mathematics and physics.

111 Chemical Fundamentals

Concepts and principles of modern chemistry including stoichiometry, atomic and molecular structure, periodic relationships and chemical bonding. Laboratory work is largely quantitative in nature with applications to marine and environmental problems. Lecture 3 hours, laboratory 4 hours.

112 Inorganic Chemistry

Acid-base chemistry and the chemistry of the elements and their compounds based on modern views of atomic and molecular structure. Laboratory work involves synthesis techniques, and studies of the chemistry of inorganic compounds. Lecture 3 hours, laboratory 4 hours. Prerequisite: Chemistry 111.

221, 222 Organic Chemistry

Aliphatic and aromatic carbon compounds. Emphasis on structural theory and reaction mechanisms as they influence synthetic methods. Isolation and purification procedures are illustrated using natural materials. Infra-red spectroscopy is used both in discussions and in the laboratory. Lecture 3 hours; laboratory 4 hours. Prerequisite: Chemistry 112.

321 Qualitative Organic Analysis

Separation, purification and characterization of organic compounds involving the use of chromatographic, infra-red and functional group analysis methods. Lecture 2 hours; laboratory 8 hours. Prerequisite: Chemistry 222.

331, 332 Special Topics

341 Thermodynamics and Kinetics

Elementary thermodynamics, thermochemistry, kinetic theory of matter and chemical kinetics. Lecture 3 hours; laboratory 4 hours. Prerequisites:

Chemistry 112 and Physics 102.

352 Chemical Equilibrium

Homogeneous and heterogeneous molecular equilibria, ionic equilibrium, and electrochemistry as they apply to separations and analyses including applications to marine and environmental problems. Lecture 3 hours; laboratory 8 hours. Prerequisites: Chemistry 341 and Mathematics 201.

411 Advanced Inorganic Chemistry

Lectures or seminars concerning advanced topics in inorganic chemistry. Lecture 3 hours. Prerequisite: Chemistry 341.

422 Advanced Organic Chemistry

Lectures or seminars on advanced topics in organic chemistry. Lecture 3 hours. Prerequisite: Chemistry 222.

441, 442 Chemistry Colloquium

Colloquium is offered each term. Chemistry faculty and students participate and outside speakers are often invited. Credit for two courses will be given in the Senior year for participation in a minimum of four terms of Colloquium.

451 Instrumental Analyses

Laboratory applications and theory of optical and electrical instrumentation in chemical analyses. Lecture 2 hours; laboratory 8 hours. Prerequisite: Chemistry 352.

462 Molecular Structure

Determination and prediction of molecular structure in organic molecules and inorganic complexes by using theoretical calculations, various types of spectroscopy and other physicochemical techniques. Lecture 3 hours; laboratory 4 hours. Prerequisites: Math 201, Chemistry 222 and 341.

PHYSICS

Requirements for a major: Physics 101, 102, 201, 202, 301, 302, 401, 402 and Mathematics 199, 200, 201, 202, 301. All Juniors and Seniors majoring in Physics are involved in active research. Outstanding Seniors may be invited to prepare a thesis in lieu of the comprehensive examinations. Physics courses normally are scheduled for 3 hours lecture and 3 hours laboratory.

101 Fundamental Physics I

Kinematics and dynamics with reference to natural forces, gravitational, electric and magnetic. Elementary concepts of calculus are used.

102 Fundamental Physics II

Wave motion with emphasis on electromagnetic waves. Elements of quantum theory, atomic physics, and nuclear physics. Calculus is utilized.

201 Fundamental Physics III

Collision phenomena, thermodynamics, kinetic theory of gases, and special relativity. Calculus is utilized.

202 Electronics

Theory of electronic circuit elements and their applications in laboratory instruments.

301 Electricity and Magnetism

Principles of static and dynamic electric and magnetic fields including Maxwell's equations and relativistic electromagnetism. Vector methods are used.

302 Classical Mechanics

Dynamics of particles, systems of particles, and rigid bodies using vector methods.

331, 332 Special Topics

Optics, Thermodynamics and Elementary Statistical Physics, Acoustics, and Astronomy may be elected by any student with the approval of his major adviser.

401, 402 Quantum Physics

First term: fundamentals of quantum theory and their application to simple systems. Second term: material from nuclear and solid state physics.

Directed Study

Acoustics, by Richard Rhodes

GENERAL SCIENCE

101, 102 Man and Nature as Science Sees Them

The basic ideas of physical and biological science, with emphasis on man's place in nature: causality and probability in physical theory, the laws of thermodynamics, atomic theory, the evolution of the physical universe, the beginning of life, biological evolution, and ecological systems. 3 hours lecture-discussion per week including an occasional laboratory experiment.

111, 112 Earth as Ecosystem

Earth as a place for life, placing earth in perspective relative to its origin and position in a solar system; nature of water and land masses and atmosphere as a place for life. The origin and evolution of plants and animals; nature of organisms; interrelationships of living things. Lecture 3 hours, laboratory 3 hours.

Directed Study

A Scientific View of Reality, I and II, by Irving G. Foster

Universe, by Irving G. Foster

Cosmology, by Irving G. Foster

History of Scientific Ideas, by Irving G. Foster

Reading in Science, by Irving G. Foster

The World of Life, by Irving G. Foster

Interdivisional Programs

AFRO-AMERICAN STUDIES

Courses designed to meet the needs of students who intend to study law, enter into government service, or become professional scholars in the area of Afro-American Studies, to contribute to a well-rounded liberal arts education, and to introduce interested students who are non-majors to Afro-American Studies.

The major sequence is a minimum of twelve courses. Eight courses are required of all majors: AAS-201, 202, 205, 207, 208, 301, 303, and 304.

The additional four electives are subject to the approval of the Afro-American Studies faculty. For students intending graduate work in Afro-American Studies, a language proficiency equivalent to two years of study in French, Spanish, or German is strongly recommended.

201 Afro-American History to the Civil War

Brief survey of the African background and the social, cultural, economic, and political development of the Negro in the United States.

202 Afro-American History Since 1865

A continuation of AAS 201.

205 History of the West Indies

Social, economic, and political development of the Spanish, English, and French Caribbean.

207 History of West and Central Africa

Important developments of West and Central African history since 1000.

208 History of Eastern and Southern Africa

Important developments of Eastern and Southern Africa since 1500.

301 Afro-American Social and Political Thought (formerly Black Protest Thought)

Eminent social and political thinkers such as Walker, Douglass, Washington, DuBois, Frazier, and C. L. R. James.

303 African Politics

Problems and prospects in political and economic developments as they relate to nation-building in Africa.

304 Politics of Race (Apartheid)

The theory and practice of the policy of separate development (Apartheid) in South Africa.

305 Revolution and Political Protest in Africa

Concepts, patterns, and trends of political protest and revolution in Africa.

308 Traditional African Political Systems (Core 308 African Studies)

Political structures of traditional African societies.

Directed Study

Revolution and Political Protest in Africa, by Joncker Biandudi

EAST ASIAN STUDIES

Students may elect either of two major programs. The pre-professional major prepares students for further study in graduate school or for a life career in East Asia. The general major is intended for students interested in secondary school teaching or immediate entry into careers requiring familiarity with East Asia.

Requirements for pre-professional major: East Asian Studies 201, 202, 441, 442, and four additional courses listed under East Asian Studies; Chinese Language 101, 102, 201, 202, 301, 302.

Requirements for general major: East Asian Studies 201, 202, 441, 442, and four additional courses listed under East Asian Studies. Chinese Language 101, 102 is strongly recommended.

Courses in Chinese language are listed under the Division of Modern Language. Tutorial instruction in Japanese language may be arranged by independent study contract.

201 China before 1842

Chinese history from the earliest times till the formal opening of China to the West. (Offered in alternate years.)

202 China from 1842 to Present

A continuation of East Asian Studies 201; the transformation and modernization of China in recent times. (Offered in alternate years.)

221 Survey of Japanese Literature in Translation

Japanese literature in translation, from the earliest chronicles and poetry to the writings of major modern novelists.

222 A History of Japanese Art

Japanese architecture, sculpture, and painting from pre-historic times to

the Meiji Restoration. (Offered in alternate years.)

301 Government and Politics in East Asia

Indigenous political ideas, organizations, social institutions and changes in East Asia with primary emphasis on China and Japan. (Offered in alternate years.)

302 Far Eastern International Relations

Evolution and dynamics of international contacts in the Far East and the domestic developments that influence them. (Offered in alternate years.)

321 History of Japanese Civilization

A seminar on pre-modern Japanese cultural history from pre-historic times to the Meiji Restoration.

322 History of Japanese Civilization

A continuation of East Asian Studies 321; the emergence of Japan as a modern state. East Asian Studies 321 or its general equivalent is normally a prerequisite.

331, 332 Special Topics

Projects based on the current needs and interests of students.

Religion 331 Religions of Asia

Hinduism, Buddhism, Confucianism, Taoism, Shinto, and folk religions of Asia.

Directed Study

Chinese Culture, by Tennyson Chang

Contemporary Cultural Movements in China, by Tennyson Chang

History of Japanese Civilization, by Lloyd Craighill

Introduction to Japanese Cultural History, by Lloyd Craighill

Japanese: Elementary, and Japanese: Intermediate, by Peter Chang

Chinese Traditional Drama, by Peter Chang

Chinese Calligraphy, by Peter Chang

LATIN AMERICAN STUDIES

Requirements for the major: (1) Competence in speaking and reading Spanish at a level of fluency enabling the student to work comfortably with Spanish materials and with Spanish-speaking people of Latin America (under special circumstances Portuguese or French language may be substituted); (2) A broad background on Latin American history, contemporary societies, religion and philosophies, and arts and letters; (3) A passing grade in eight courses in which Latin America is emphasized; (4) Four supportive courses in areas related to the major, normally including appropriate basic courses in disciplines from which the eight major courses have been selected.

The following courses listed in this catalog may be taken in fulfillment of requirement 3:

Core 304, Latin American Studies

Spanish 402, The Latin American Novel

History 231, The Meeting of Indian and Iberian, 1200 - 1800

History 232, Latin America, 1800 to the Present

Economics 350, Economic Development of Latin America

Political Science 302, Inter-American Politics

Sociology and Anthropology 331, Indians of South America

In addition to the above offerings, 300 or 400-level courses such as the ones listed below may be taken in fulfillment of requirement 3, provided the

student emphasized Latin America in his independent research within the course:

History 315, History of the United States' Foreign Relations

Economics 302, International Economics

Economics 316, Comparative Economic Systems

Political Science 421, Political Development

Special topics courses frequently are offered in areas that are relevant to the Latin American Studies major. Such courses have included Modernism; Mexican History; Nuclear America-Maya, Aztec, Inca; and Population Growth. A student may structure independent study courses on Latin America as well.

Scholarships

Anonymous Scholarship Fund
Elza Edwin and Gretchen R. Artman
Scholarship Fund
Will Paul Bateman Scholarships
Brecht Scholarship
Charter Alumni Scholarship Fund
Class of 1971 Scholarship
College Achievement Scholarship
College Fund, Pinellas County
College Honor Scholarship
Dwight David Eisenhower Memorial
Scholarship Fund
Florida Bankers Educational
Foundation Scholarship
Gulf Life Insurance Company Scholarship
Herbert and Gertrude Halverstadt
Foundation Scholarship
Robert B. Hamilton Scholarship Fund
Hope Presbyterian Church, Winter Haven,
Scholarship Fund
Kemper Insurance Scholarship
Robert and Frances Keown Scholarship
Krausman Scholarship
Albert F. and Katherine F. Lang
Scholarship Fund
George F. and Asha McMillan
Scholarship Fund

Emily A. and Albert W. Mathison
Scholarship Fund
Margaret Curry May Scholarship Fund
Daniel P. McGeachy, Jr., Memorial Scholarship
Hazelle and Glenn W. Morrison Scholarship
National Merit Scholarship
National Presbyterian College Scholarship
Jessie Smith Noyes Foundation Scholarship
Padolf Foundation
Harvey T. Reid Scholarships
R. A. Ritter Scholarship Fund
Kathleen Anne Rome Memorial Scholarship
William G. and Marie Selby Foundation
Scholarship
Milton Roy Sheen Memorial Scholarship
Allison Derby Smith Scholarship Fund
Burnette F. Stephenson Scholarship Fund
Robert and Ruth Stevenson Scholarship Fund
The Frances T. Tinsman Scholarship Fund
Mamie Van Horn Memorial Scholarship
J. J. Williams Memorial Scholarship Fund
David L. Wilt Scholarship
John W. Woodward Memorial
Scholarship Fund

Loans

Alpha Kappa Alpha Sorority Loan Fund
Gene Samuel Cain Short-Term Loan Fund
Darwin B. Dicks Memorial Scholarship
Loan Fund
Lottie D. Jacobs Loan Fund
Laufer Loan Fund

Jessie Smith Noyes Foundation Loan Fund
Oberg Loan Fund
Pan-Hellenic Loan Fund, Pinellas County
William G. and Marie Selby Foundation
Loan Fund
William Bell Tippetts Loan Fund
Lawrence Wick Short-Term Loan Fund

INDEX

| | | | |
|------------------------------|-----|---------------------------------|----|
| Academic Program | 3 | Independent Study | 3 |
| Administration | 14 | Interdivisional Programs | 44 |
| Admission | 6 | Jefferson House Program | 4 |
| Advanced Placement | 7 | Latin | 23 |
| Afro-American Studies | 44 | Latin American Studies | 46 |
| Anthropology | 38 | Leave of Absence | 4 |
| Application Procedure | 6 | Literature | 23 |
| Art | 22 | Loans | 48 |
| Athletics | 5 | Major Program | 21 |
| Biology | 41 | Mathematics | 40 |
| Black Students | 5 | Management | 34 |
| Board of Visitors | 12 | Medical Technology | 39 |
| Calendar | 50 | Modern Languages | 28 |
| Calendar, 4-1-4 | 2 | Music | 25 |
| Chemistry | 42 | Orientation | 8 |
| Chinese | 29 | Philosophy | 26 |
| Classics | 22 | Physical Education | 35 |
| Community Internships | 5 | Physics | 43 |
| Core Courses | 2 | Political Science | 35 |
| Core Program | 20 | President's Roundtable | 13 |
| Costs | 8 | Programs of Study | 3 |
| Course of Instruction | 20 | Psychology | 36 |
| Degrees | 3 | Reading | 27 |
| Directed Study | 4 | Religion | 27 |
| Early Admissions | 7 | Religious Life | 5 |
| East Asian Studies | 45 | Requirements | 3 |
| Economics | 33 | Russian | 30 |
| Education | 34 | Scholarships | 48 |
| Environmental Studies | 39 | Science, Pre-Professional | 39 |
| Expenses | 8 | Social Science | 38 |
| Faculty | 15 | Sociology | 38 |
| Fees | 9 | Spanish | 31 |
| Financial Aid | 9 | Sports | 5 |
| Foreign Language Study | 4 | Studies Abroad | 2 |
| French | 29 | Summer School | 5 |
| General Information | IFC | Teacher Education | 4 |
| General Science | 44 | Theatre | 28 |
| Geography | 34 | Transfer Admission | 7 |
| German | 30 | Trustees | 10 |
| Grades | 4 | Winter Term | 2 |
| Greek | 23 | | |
| History | 31 | | |
| Humanities | 21 | | |

Calendar of Events

1972-1973

| | |
|-----------------------|---|
| August 31 | Orientation period; new students should arrive before 5:00 p.m. |
| September 2 | Residence houses open to upperclassmen at noon |
| September 4 | Independent study examinations and re-examinations |
| September 5 | Registration |
| | Fall term commences at 8:00 a.m. |
| | Convocation |
| October 20-22 | Fall recess |
| October 23 | Fall recess ends and classes begin at 8:00 a.m. |
| | Midterm reports are due |
| November 8-9 | Meeting of Board of Trustees |
| November 23-24 | Thanksgiving Holiday; no classes |
| December 9 | Fall term classes end at noon |
| December 10-12 | Reading period |
| December 13 | Fall term examination period commences at 8:30 a.m. |
| December 19 | Fall term ends and Christmas recess commences at 4:30 p.m. |
| December 20 | Residence houses close at 10:00 a.m. |
| January 2 | Residence houses reopen at 8:00 a.m. |
| January 3 | Winter term commences at 8:00 a.m. |
| January 31 | Winter term ends |
| February 1-4 | Comprehensive examinations and reading period |
| February 5 | Spring term commences at 8:00 a.m. |
| March 31 | Spring recess commences at noon; residence houses close at 10:00 a.m. |
| April 9 | Residence houses reopen at 8:00 a.m. |
| April 10 | Spring recess ends and classes begin 8:00 a.m. |
| | Midterm reports are due |
| April 18-19 | Meeting of Board of Trustees |
| April 20 | Good Friday; no classes |
| April 27-30 | Festival of Arts |
| May 18 | Spring term classes end at 4:00 p.m. |
| May 19 | Spring term examination period commences at 8:30 a.m. |
| May 26 | Spring term ends |
| May 27 | Baccalaureate-Commencement |
| May 28 | Residence houses close at 10:00 a.m. |
| June 11 to July 20 | Summer school |

Calendar of Events

1973-1974

| | |
|----------------|---|
| August 30 | Orientation period; new students should arrive before 5:00 p.m. |
| September 1 | Residence houses open to upperclassmen at noon |
| September 3 | Independent study examinations and re-examinations |
| September 4 | Registration |
| | Fall term commences at 8:00 a.m. |
| | Convocation |
| October 19-21 | Fall recess |
| October 22 | Fall recess ends and classes begin at 8:00 a.m. |
| | Midterm reports are due |
| November 7-8 | Meeting of Board of Trustees |
| November 22-23 | Thanksgiving Holiday; no classes |
| December 8 | Fall term classes end at noon |
| December 9-11 | Reading period |
| December 12 | Fall term examination period commences at 8:30 a.m. |
| December 18 | Fall term ends and Christmas recess commences at 4:30 p.m. |
| December 19 | Residence houses close at 10:00 a.m. |
| January 2 | Residence houses reopen at 8:00 a.m. |
| January 3 | Winter term commences at 8:00 a.m. |
| January 30 | Winter term ends |
| January 31- | |
| February 1 | Comprehensive examinations and reading period |
| February 4 | Spring term commences at 8:00 a.m. |
| April 6 | Spring recess commences at noon; residence houses close at 10:00 a.m. |
| April 15 | Residence houses reopen at 8:00 a.m. |
| April 16 | Spring recess ends and classes begin at 8:00 a.m. |
| | Midterm reports are due |
| April 17-18 | Meeting of Board of Trustees |
| April 26-29 | Festival of Arts |
| May 17 | Spring term classes end at 4:00 p.m. |
| May 18 | Spring term examination period commences at 8:30 a.m. |
| May 25 | Spring term ends |
| May 26 | Baccalaureate-Commencement |
| May 27 | Residence houses close at 10:00 a.m. |
| June 10 to | |
| July 19 | Summer school |



